

Brown, Ronda

From: Brian Allen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Brian Allen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Linda Allen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 7:07 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linda Allen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Shari Aldous [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:02 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Shari Aldous
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: J Alessi [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, July 14, 2017 1:53 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

J Alessi
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kim Alexander <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 8:45 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I implore you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials. Once this is allowed to happen it opens the entire state and its' citizens up to exposure to dangerous pollution and toxins.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kim Alexander



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Edward Allard <act@fwwatch.org>
Sent: Wednesday, June 21, 2017 11:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Edward Allard



Brown, Ronda

From: Brittany Alsot [REDACTED]
Sent: Friday, July 28, 2017 9:02 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001

HVHHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,
Brittany Alsot
ONE Northside/Fair Economy Illinois
[REDACTED]

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHHF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

COMMENTS

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of

the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. Inadequate Determination of Underground Freshwater- No Geological Survey Data submitted- Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

3. Inadequate Evidence to Establish the Lowest Potential Fresh Water - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHHF Operations Plan - Document 5

4. Failure to Clearly Identify Formation to be Stimulated -The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the “drilling objective” is the New Albany Shale but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.

5. Failure to Clearly Identify the Confining Zone - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.

6. Missing Data - There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “fracbarrier” and the Application is therefore inadequate and must be denied.

7. Confusing Data- The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.

8. Inadequate Information- Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.

9. Missing Data- Surface Training Pressure Range- This information is entirely missing.

10. No information on the Vertical Propagation of Fractures - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. **Missing Data**-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHWF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on "Composition/Information on Ingredients" lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of "Trade Secret."

Water Source Management Plan- Document 9

14. **Failure to Propose Methods to Minimize Water Withdrawals** One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant

undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHWF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of "reasonable use" of the state's groundwater and the regulatory requirement to "minimize water withdrawals as much as feasible" is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant's Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHWF water supply wells) and a surface water body (a stock pond). A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program. (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. **Inadequate information on Fracturing Fluids-** The Applicant's Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."

17. **Unrealistic Rate of Flowback Recovery Proposed-** The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey

must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. Inadequate Information on Storage Tanks- The application states that the storage tanks will meet the qualities for the “purpose built.” There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. No Testing Plan for Flowback Water- This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. Use of Earthen Containment Berms- The plan states that the flowback storage tanks will be “enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume.” No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR’s numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. No Clarity for NORM Sampling to Undefined “Black Shale”- Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. Safety Considerations of the General Public- There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. The Containment Plan is completely inadequate. It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. Missing Information in the Casing and Cementing Plan- The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois’ regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. **Traffic Avoidance of the Wabash River-** The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. **Specification of Earthquake area or floodplain missing or inadequate-** The Department's form requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate-** The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ..."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan

29. **Inadequate Water Quality Monitoring Plan-** The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. **Data Analysis Procedure Plan Inadequate-** The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data Analysis Procedures." The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that "the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology." Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

31. Water Quality Monitoring Work Plan is not “independent”- The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. Lack of Clarification on “Black Shale” subject to sampling- As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase “black shale” is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the “black shale” that will be tested pursuant to this requirement.

33. Need to Clarify If Filters Will Be Used and Tested for Radioactivity.- One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. Insufficient bond- The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is “not in the interest of the applicant to overuse water in the HVHFF process” but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application’s Water Source Management Plan*: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHFF of from “4.4 to 5 million gallons per well.”

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois’ reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand

and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHFF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

Comments and Questions:

- Which is correct?
- Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
- Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the "Wheel Wash" they describe will be installed and monitored at the location named?

Section 2.10 "Control of Other Air Emissions": Under the heading "Appropriate emission", it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: “During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820.”

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: “Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal” (sic). “Prior to testing the BOP, IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: “Prior to testing the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Brown, Ronda

From: Brittany Alsot [REDACTED]
Sent: Tuesday, June 27, 2017 4:44 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001

HVHHF-000001

The Woolsey application for a High Volume Hydraulic Fracturing Permit is the first application since the passage of the Hydraulic Fracturing Regulatory Act on 6/17/13. As such, it is a critical test case in how the IDNR will address future permit applications and comments by the public.

I am writing to urge IDNR to deny the Woolsey HVHHF #000001 application for a variety of reasons, not the least of which include, but aren't limited to:

1. Overarching generalities and deficiencies in the application,
2. Specific concerns about deficiencies where information IS provided,
3. Failure to address a mounting body of evidence in the scientific community on the risks and harms associated with fracking that has come to light since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. Specifically, the NY Compendium of Scientific, Medical and Media Findings, 4th edition, has 924 citations on the risks and harms of fracking, 692 of which have been published since the passage of the HFRA.

Please see my comments below. Thank you for your time.

Sincerely,
Brittany Alsot
[REDACTED]

Comment #1:

Water Source Management Plan- Document 9

Failure to Propose Methods to Minimize Water Withdrawals One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHHF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in

White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of "reasonable use" of the state's groundwater and the regulatory requirement to "minimize water withdrawals as much as feasible" is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Comment #2:

Wellsite Safety Plan- Document 11

Safety Considerations of the General Public- There is virtually no consideration given to the safety of members of the general public that may be in the site's vicinity. This is unacceptable and a permit should be denied on this basis.

Comment #3:

Water Quality Monitoring Plan

Inadequate Water Quality Monitoring Plan- The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

Brown, Ronda

From: Lorie Allen [REDACTED]
Sent: Friday, June 02, 2017 7:15 AM
To: DNR.HFPublicComments
Subject: [External] Fracking permit HVHHF-000001

Dear Oil and Gas Regulatory Staff,

I am writing to encourage you to deny the request for fracking permit (**HVHHF-000001**) requested by **Woolsey Operating Company** of Wichita Kansas to begin fracking at a site just north of Enfield Illinois. This site is very near, if not over, the active Wabash Valley Seismic Zone. Any permitted fracking should only be on condition that all (ALL) damage caused by earthquakes in the are be paid for by Woolsey Operating.

When fracking began in Oklahoma, the incidence of earthquakes exploded exponentially. With the also very active New Madrid Seismic fault line running through southern Illinois and the Wabash Valley Seismic Zone so very close, it goes against every grain of common sense to endanger the public with the threat of serious earthquakes by permitting this action.

Thank you for considering the health and well-being of the people of the state of Illinois before the interests of out of state gas companies who wish to cause those people serious harm.

Sincerely,

Lorie Allen
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nancy Allison <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Nancy Allison



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Esther Allman <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Esther Allman



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Melanie Allsup <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Melanie Allsup



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lynda Ancell <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

It is time for us to move away from harmful and dangerous practices in the pursuit of energy and to move to safe, clean, sustainable forms of energy.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lynda Ancell



Brown, Ronda

From: Doug Anderson [REDACTED]
Sent: Friday, July 28, 2017 3:33 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments on Woodrow #HVHHF-000001
Attachments: 2017 July 28 - Wayne County Farm Bureau Public Comments, Woodrow #HVHHF-000001.pdf
Importance: High

Illinois Department of Natural Resources Oil and Gas Regulatory Staff,

RE: Comments on Review Number HVHHF-000001

Please consider the following comments in your review of a High Volume Horizontal Hydraulic Fracturing permit application submitted by Woolsey Operating Company for well identification number Woodrow #1H-310408-193 in White County, Illinois.

Thank you,

Douglas T. Anderson

Farm Bureau Certified Manager

Wayne County Farm Bureau | 301 E Court, PO Box 526, Fairfield, IL 62837

P: 618.842.3342 | F: 618.842.3636 | E: danderson@waynecfb.com

Visit our [website!](#) Become our fan on [Facebook!](#) Follow us on [Twitter!](#)

Brown, Ronda

From: Emily Altkorn [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 10:21 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Emily Altkorn
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Joseph Altura <info@actionnetwork.org>
Sent: Friday, June 23, 2017 7:29 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Joseph Altura

[REDACTED]

[REDACTED]

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Roberta Alvarado <act@fwwatch.org>
Sent: Saturday, June 17, 2017 12:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Roberta Alvarado



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nancy Amhaz <act@fwwatch.org>
Sent: Monday, June 26, 2017 7:07 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Nancy Amhaz



Brown, Ronda

From: Annette Anderson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, July 14, 2017 12:09 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

FRACKING IS NOT SAFE!!!!

GET POWER FROM THE SUN! GEEZ ALREADY!

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

FRACKING IS NOT SAFE!

GET YOUR POWER FROM THE SUN ALREADY! GEEZ!!!

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Annette Anderson



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bruce Anderson <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

We cannot breath methane by-products or drink petroleum of fracking fluid. It is important to shut down this dangerous activity before it begins. Please deny this, and all other, fracking permit(s).

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Bruce Anderson

A large black rectangular redaction box covering the signature and contact information of Mr. Bruce Anderson.

Brown, Ronda

From: Bruce Anderson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 12:50 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bruce Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Candy Anderson <act@fwwatch.org>
Sent: Sunday, June 18, 2017 4:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Candy Anderson



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Cindi Andersen <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Cindi Andersen



Brown, Ronda

From: Neil Andersen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:52 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Neil Andersen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lenart Anderson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:23 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lenart Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lynn Anderson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:08 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lynn Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Maria Anderson [REDACTED]
Sent: Sunday, June 25, 2017 8:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Maria Anderson
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Doug Anderson <danderson@whitecfb.com>
Sent: Friday, July 28, 2017 9:28 AM
To: DNR.HFPublicComments
Subject: [External] Comments on Review Number HVHHF-000001
Attachments: 2017 July - White County Farm Bureau Comments_HVHHF-000001.pdf

Importance: High

Illinois Department of Natural Resources Oil & Gas Regulator Staff,

Please consider the following comments in your review of a High Volume Horizontal Hydraulic Fracturing permit application submitted by Woolsey Operating Company for well identification number Woodrow #1H-310408-193 in White County, Illinois.

Thank you,

Douglas T. Anderson

Farm Bureau Certified Manager

White County Farm Bureau | 304 E Robinson, PO Box 367, Carmi, IL 62821
P: 618.382.8512 | F: 618.384.2535 | E: danderson@whitecfb.com

Visit our [website!](#) Become our fan on [Facebook!](#)

Brown, Ronda

From: Kelly Anderson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:33 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kelly Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Laura Anderson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:15 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Laura Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ron Anderson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:46 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ron Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mark Anderson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:18 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mark Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Anderson <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mary Anderson



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mike Anderson <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I am writing this because I am 100% opposed to fracking. It has been proven to cause numerous environmental problems and the people that live in Illinois have enough problems. WE DO NOT NEED ANY MORE PROBLEMS! I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Mike Anderson



Brown, Ronda

From: Pat Anderson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 3:24 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Pat Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Anderson <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Anderson



Brown, Ronda

From: Mary Anderson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 8:03 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kirk Andreas [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:23 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment. There is plenty of evidence to the harm the fracking industry does in the contamination of water tables in states where fracking has been implemented. To allow fracking in our Great State of Illinois would be an EXTREMELY STUPID MISTAKE !!

Sincerely,

Kirk Andreas
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sharron Andresen <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

No fracking in Illinois!
Sharron Andresen

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sharron Andresen

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Sharron Andresrn [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 9:00 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sharron Andresrn
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Stephen Anderson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 6:29 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Stephen Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Todd Anderson <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Todd Anderson



Brown, Ronda

From: Willard Anderson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:47 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Willard Anderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Joseph Appell <act@fwwatch.org>
Sent: Saturday, June 24, 2017 8:49 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

This is not just a regional issue; all of Illinois will be affected by increased rates caused by earthquakes (proven to be caused by fracking), and polluted water tables can leach into crops far away.
Fracking is NOT VICTIMLESS!

We now have so much Natural Gas, that exports have started, at the expense of our environment, for many years to come. This is not the legacy to leave for our future generations.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Joseph Appell



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Gerald Antich <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Gerald Antich



Brown, Ronda

From: Chris Apap [REDACTED]
Sent: Thursday, July 27, 2017 9:33 AM
To: DNR.HFPublicComments
Subject: [External] Public comments on HVHHF-000001

Good morning,

I am writing in regards to HVHHF-000001, the Woolsey High Volume Fracking Permit application put forth in the state of Illinois.

As an Illinois resident, and home owner, I want to voice my concern about Fracking, not only in our region, but as a universal practice.

The process for doing this is invasive on the environment on so many levels, that I will do you a favor of not listing them all here -- instead I'll share this link highlighting just a few of the concerns for this specific permit. [That can be found here.](#)

These oil companies pump not only tons of toxic chemicals into the ground, they also use incredible volumes of water. Water that should belong to the people of these communities. Instead we are allowing oil companies literally pump poisons into their soils, which has a proven record of leaching into nearby groundwater and wells. Thus poisoning, the people who simply want to go about living their lives, in the homes that they have built.

Stop this aggressive act on our environment. Stop Fracking. Do not allow this permit to be approved.

Thank you.

--

Chris Apap
[REDACTED]

Brown, Ronda

From: Donna Andrzejewski [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 9:29 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Donna Andrzejewski
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: MARY ANGELICO [REDACTED]
Sent: Saturday, June 03, 2017 8:22 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

With all due respect, I implore the DNR to deny this permit application.

Brown, Ronda

From: Jill's iPad [REDACTED]
Sent: Wednesday, July 26, 2017 11:21 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 comment

To Whom it may concern,

I have been concerned that Fracking may come to Illinois. The fear of water misuse, at the cost of 7,000,000 gallons possible per frack, and the fear of water contamination per the chemical cocktail which creates the fracture compounded with the release of radiation from the earth, are to me irreconcilable with protection of citizens' health and welfare. No matter that only a few hundred persons' wells may be contaminated, many more after will suffer the anxiety that they will be the next to suffer a well in their vicinity.

The State which allows one well will endanger all its citizens. One well is the promise of many wells. Look no further than Pennsylvania, Colorado, and Nebraska to see damage that cannot be stopped. Not one well!

Sent from my iPad

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Tom Ard <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Tom Ard



Brown, Ronda

From: Olivia Arechiga <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:31 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Olivia Arechiga

██████████
██████████████████
██████████████████

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Andrew Arellano <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Andrew Arellano



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of c kent Argenta <act@fwwatch.org>
Sent: Saturday, June 17, 2017 1:12 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. c kent Argenta



Brown, Ronda

From: C Kent Argenta [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:44 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

C Kent Argenta
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jeanne Arbuckle [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 10:10 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jeanne Arbuckle
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Adam A. [REDACTED]
Sent: Wednesday, July 26, 2017 9:01 AM
To: DNR.HFPublicComments
Subject: [External] Attention: Oil and Gas Regulatory Staff

To whom it may concern,

these comments are in response to IDNR REVIEW NUMBER HVHHF #000001.

TO: Illinois Department Of Natural Resources
Attention: Oil and Gas Regulatory Staff
One Natural Resources Way
Springfield, IL 62702

SAFE (Southern Illinoisans Against Fracturing the Environment), an Illinois not-for-profit corporation, on behalf of the individuals listed below, makes the following public comments concerning Woolsey Operating Company LLC's application for a high-volume horizontal hydraulic fracturing permit in Illinois, including its supplemental documents. The application is more fully described as follows:

HVHHF #1, White County

IDNR Review Number HVHHF #000001

Applicant: Woolsey Operating Company, LLC, a Kansas limited liability corporation

Location: Between Springerton and Enfield, about 1.3 miles west of US Route 45;
the site is bounded by County Road 1825 N on the north,
County Road 50E on the west, and County Road 1725 N to the south

Information located online at: <https://www.dnr.illinois.gov/OilandGas/Pages/PendingPermitApplications.aspx>

SAFE (Southern Illinoisans Against Fracturing Our Environment)

P.O. Box 1325

Vienna, IL 62995

contactSAFE@dontfractureillinois.net

COMMENTS

REVIEW NUMBER HVHHF-000001

Woolsey Operating Company LLC Application for Permit in White County

- 1) IDNR's Public Notice identifies this proposed well as a gas well, while the application indicates that the proposed well is an oil well and that gas will be flared.
- 2) Woolsey Operating Co. LLC was involved in a blowout in Wayne County while the company was fracking a well, and two workers were injured. This company should not be allowed to conduct HVHHF operations.
- 3) **Seven million gallons of fresh, potable water are too much to be used for an oil well.**
- 4) We are concerned about the loud noise, bright lights, and increased truck traffic that will be created by the operation, especially at night.

5) **The EPA has concluded that oil and gas operations have contaminated water supplies, and the risk of contaminating fresh water outweighs the benefits of production from this well.**

https://www.epa.gov/sites/production/files/2016-12/documents/hfdwa_executive_summary.pdf

6) **DNR regulations require applicants to "submit a radioactive materials management strategy to test for and identify, manage, transport and dispose of any radioactive materials utilized or generated during the course of HVHFF operations."** Woolsey's application appears to be in compliance with the requirement to test for and identify radioactive materials – **but nothing else**. It therefore does not qualify as a "strategy" that meets the other requirements. This is especially alarming, and cannot be deemed adequate, in light of the fact that technologically enhanced naturally occurring radioactive materials (TENORM) brought to the surface and/or deposited on oil-field equipment in Southern Illinois is generally much more radioactive than in other regions nationally – and White County, in particular, has shown elevated radioactivity in oilfield equipment and soils more commonly than in the rest of Southern Illinois. (See USGS Fact Sheet, FS-142-99, and James K. Otton, et al., Effects of produced water at some oilfield production sites in Southern Illinois, U.S.G.S. Open File Report 97-448, July 1997, pp. 6-7, 83.)

7. **The site of the proposed HVHFF operations lies within the Wabash Valley Seismic Zone and is within the impact zone of the New Madrid Fault Zone.** (USGS Documentation for the 2014 Update of the United States National Seismic Hazard Maps "2014 Modeling", ofr 2014-1091, at 6, 36.) For IDNR to allow an HVHFF operation and related wells for the disposal of wastewater in this area increases the risk of earthquakes and subjects local residents to additional risks of pollution and contamination of air, water, and soil. DNR's regulations (62 Ill. Adm. Code Sec. 245.210(d)) require extra precautions to protect the components in the HVHFF operations plans for fluids and flowback, well site safety, containment, and casing and cementing, when the proposed well is within or very near an area identified by U.S. Geological Service models as having a 2% or more probability of exceedance (in 50 years) of peak ground acceleration of 0.4 standard gravity (g) or more. This requirement is based upon a standard used in the 2014 Modeling. The proposed well site was in such an area in the 2008 modeling (USGS Documentation for the 2014 Update of the United States National Seismic Hazard Maps, ofr 2014-1091, at 6) and is within or very close to such an area in the 2014 Modeling (at 6). So Woolsey should be required to comply with the additional requirements set out in Section 245.210(d). In addition, the 2014 Modeling acknowledged that "[s]everal issues still need to be addressed in future versions of the maps," and the 2014 Modeling gave as an example the following: "[W]e have not finalized a model for the treatment of hazard from earthquakes suspected of being caused by fluid injection (potentially induced earthquakes). This is a very complex problem and alternatives will, most likely, be considered as a series of logic-tree branches in future models. The users of the hazard maps should consider additional hazard from potentially induced events." A 2016 U.S. Geological Service report takes induced earthquakes into account and appears to have increased the risks in the area including the proposed well site, although the report does not use the 50-year modeling standard but a different 1-year standard instead. 2016 One-Year Seismic Hazard Forecast for the Central and Eastern United States from Induced and Natural Earthquakes "2016 Modeling", ofr20161035, at 29. In the vicinity of the proposed well site, the 2016 Modeling also associates numerous earthquakes with wells. 2016 Modeling at 6.

8. Woolsey's application does not include any indication of how far the subsurface fracturing with fluids and pressure will extend beyond the horizontal well bore, so the application includes no assurance that all the owners with subsurface rights have consented to the fracturing operations. Without the consent of all owners of the subsurface to be impacted—whether that is by drilling, by pressure, or by fluids—Woolsey will commit subsurface trespass.

9. Similarly, because Woolsey's application does not include any indication of how far the subsurface extraction of oil and other materials will extend beyond the horizontal well bore, the application includes no assurance that this proposed operation will respect the ownership rights of those holding the mineral rights on adjoining

land. Without the consent of all owners of mineral rights whose minerals could be extracted, Woolsey will commit theft of the minerals.

10. Woolsey plans to use silica sand as a proppant, but the National Institute for Occupational Safety and Health (NIOSH) has identified exposure to airborne silica as a health hazard to workers conducting some hydraulic fracturing operations. https://www.osha.gov/dts/hazardalerts/hydraulic_frac_hazard_alert.html

11. Woolsey's application does not state whether or not there are preexisting fractures in any of the layers in the relevant locations. Preexisting fractures would affect the pressures required for additional fracturing, and preexisting fractures could serve as pathways for the migration of fracking fluids.

12. Fossil fuel production increases climate change, and new fossil fuel production, especially HVHFF operations, will negatively impact the health and safety of the public. See <http://concernedhealthny.org/compendium/> We must leave fossil fuels in the ground.

13. The undersigned also endorse the public comments made by the Food & Water Watch, the Sierra Club, Natural Resources Defense Council, and Illinois People's Action.

The undersigned urge you to uphold your duty to protect Illinois' natural resources and our public health and safety, by denying Woolsey Operating Company LLC's well permit application (HVHFF-000001).

Signed,

A large black rectangular redaction box covers the signature and name of the undersigned.

A copy of this letter can be found at:

https://docs.google.com/forms/d/e/1FAIpQLSdDF6b9HK-oi6LpVIjybQ99QIi144oYwVdzdbV3oXN71190Ww/viewform?usp=pp_url&entry.2005620554=Adam+Agosto&entry.1045781291=adamarchy23@gmail.com&entry.1065046570=60639+Illinois&entry.1166974658

Brown, Ronda

From: Phyllis Arist [REDACTED]
Sent: Monday, June 26, 2017 5:01 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Phyllis Arist
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sally Armbrust <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Sally Armbrust



Brown, Ronda

From: Chad Armknecht [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:30 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Chad Armknecht
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Patricia Armstrong [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 3:22 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Patricia Armstrong
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Phyllis Arist <act@fwwatch.org>
Sent: Sunday, June 18, 2017 2:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Phyllis Arist



Brown, Ronda

From: Phyllis Arist [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:42 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Phyllis Arist
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Maro Aroutiunian [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:45 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Maro Aroutiunian
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Bill Wyllie [REDACTED]
Sent: Saturday, May 27, 2017 3:46 PM
To: DNR.HFPublicComments
Subject: [External] State Parks
Attachments: Public Notice HVHHF-000001.pdf; ATT00001.htm

DO NOT permit under the Hydraulic Fracturing Regulatory Act. The application has been assigned a **Review Number** of **HVHHF-000001**.

Leave them alone!
Madonna Arredondo
[REDACTED]

Brown, Ronda

From: Elena Arrigo [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:01 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Elena Arrigo
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Orlando Arroyo <act@fwwatch.org>
Sent: Saturday, June 24, 2017 10:49 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Our urban areas already suffer pollution from factories and automobiles. Fracking would kill our rural sanctuaries as well.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Orlando Arroyo

A large black rectangular redaction box covering the signature and name of Mr. Orlando Arroyo.

Brown, Ronda

From: Neil And Evelyn Aronson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:41 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Neil And Evelyn Aronson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Maro Aroutiunian <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Maro Aroutiunian



Brown, Ronda

From: Sheila Ary [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:49 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. It is essential that the Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sheila Ary
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Carol Asbury <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Carol Asbury



Brown, Ronda

From: Douglas Asbury [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:51 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the storm water management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Beyond all this, my sister's state of Oklahoma experiences earthquakes on a regular basis to a high degree because of the widespread fracking that has gone on in that state. Illinois does not need the geological instability that fracking clearly causes, nor does such an industry produce the level of jobs and tax revenue to compensate us and future generations for the enormous damage it does to our state. I urge you to reject the company's application for all the reasons stated above as well as for the reason that we are meant to be stewards of the land, not exploiters for economic gain.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Douglas Asbury
[REDACTED]



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Candace Arthur <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 3:50 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Candace Arthur



Brown, Ronda

From: Dominic Cittadino 1 [REDACTED]
Sent: Monday, June 05, 2017 5:24 PM
To: DNR.HFPublicComments
Subject: [External] Comment on Review Number HCHHD-000001

To Whom It May Concern regarding Review Number HVHHF-000001:

I am writing a public comment for the proposed permit of the Woodrow #1H-310408-193 well, under the Hydraulic Fracturing Regulatory Act.

I urge the IDNR to reject this permit and application from Woolsey Operating Company.

This fracking well will usher in an era of exploitation by fracking companies. This company is not based in Illinois, and its profits will not improve Illinois' economy. Rather, the fracking industry threatens the growing tourism industry in Southern Illinois and threatens its environment.

While fracking may create short-term jobs in the oil and gas industry, it is not a path toward long-term financial sustainability. Cycles of "boom and bust" come with a "bust," and Southern Illinois' residents should not suffer that bust at the cost of irreversible ecological damage, middling profits, and the risk of groundwater contamination. Anyone driving through Texas or Southwestern Pennsylvania can see the devastation of fracking wells.

As a longtime resident of Southern Illinois, I strongly feel that this well will actively harm the region's economy and residents. I have seen first-hand the devastation of fracking wells, and the deceptive tactics of fracking companies to hide these negative effects. The profits from these wells do not come back to the residents and the people who have to live with their consequences. Southern Illinois is a depressed area and people are in need of jobs. These short-term jobs created by the fracking industry are often taken by people coming into the region instead of the native people of our area. This is not a viable not a solution to create jobs in Illinois. We need to grow long term industry and jobs for the people of Southern Illinois.

Please do not open the door for fracking in Southern Illinois!

Please, reject this application as stewards of Illinois and its residents.

Dominic Cittadino, DDS

Dominic Cittadino
[REDACTED]

Brown, Ronda

From: Sienna Cittadino [REDACTED]
Sent: Wednesday, May 31, 2017 7:32 AM
To: DNR.HFPublicComments
Subject: [External] Comment for Review Number HVHFF-000001

To Whom It May Concern:

I am writing a public comment for the proposed permit of the Woodrow #1H-310408-193 well, under the Hydraulic Fracturing Regulatory Act.

I urge the IDNR to reject this permit and application from Woolsey Operating Company.

This fracking well will usher in an era of exploitation by fracking companies. This company is not based in Illinois, and its profits will not improve Illinois' economy. Rather, the fracking industry threatens the growing tourism industry in Southern Illinois.

While fracking may create short-term jobs in the oil and gas industry, it is not a path toward long-term financial sustainability. Cycles of "boom and bust" come with a "bust," and Southern Illinois' residents should not suffer that bust at the cost of irreversible ecological damage, middling profits, and the risk of groundwater contamination.

As a longtime resident of Southern Illinois, I strongly feel that this well will actively harm the region's economy and residents. As someone who has lived in Southwestern Pennsylvania, I have seen first-hand the devastation of fracking wells, and the deceptive tactics of fracking companies to hide these negative effects. I have also seen that the profits from these wells do not come back to the residents and the people who have to live with their consequences.

Please, reject this application as stewards of Illinois and its residents.

Sincerely,

Sienna Cittadino
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Megan Clapp <act@fwwatch.org>
Sent: Thursday, June 29, 2017 3:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 29, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Megan Clapp



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Angela Clark <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Angela Clark



Brown, Ronda

From: Ginevra Clark [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:53 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate. These misrepresentations are part of a long history of causing harm to citizens of Illinois. Most notably the manganese levels Bell corp is currently polluting our city with and the former petcoke piles. Without a strong commitment from the EPA to enforce regulations, including the court-determined monitorings and actions, any additional fracking is unwise and unsafe.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected. This hurts citizens in inequitable ways, putting the harm on those living close to the wells and the Bernadette for those who consume the most energy.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate. This destruction of the biosphere is one element that puts our planet at risk of dramatic changes.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ginevra Clark
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Angela Clark [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 7:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Angela Clark
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jessica Clarke [REDACTED]
Sent: Wednesday, June 07, 2017 1:15 PM
To: DNR.HFPublicComments
Subject: [External] Starved Rock State Park

Dear IDNR,

I am opposed to granting a fracking permit in the area of the Starved Rock State Park. I encourage the IDNR to reject this project and send a strong message in support of protecting this Park. Starved Rock State Park is a treasured area for recreation containing significant geologic formations, hiking trails, and other recreational activities. Its close proximity to Chicago and the metro area gives residents an unique place to vacation as well as attracts tourism to our state.

The environment is going to be a significant issue for citizens in Illinois and around the country in the coming years. I urge you and the Governor to be on the side of protecting our natural resources and the environment.

Sincerely,

Jessica Clarke
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Krista Clarke-Brownstein [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:18 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Krista Clarke-Brownstein
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Nancy Claus [REDACTED]
Sent: Monday, June 26, 2017 7:37 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

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3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Nancy Claus
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nancy Claus <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Nancy Claus



Brown, Ronda

From: Karen Clausen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:56 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karen Clausen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: nina clausen [REDACTED]
Sent: Monday, June 26, 2017 5:40 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

nina clausen
[REDACTED]

Brown, Ronda

From: Justin Clavet [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:27 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

Fracking will leave the natural and landscape of the beautiful state of Illinois destroyed for generations. It endangers the safety of our communities, and prolong the use of dirty energy, when most Americans desire clean, renewable energy resources.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Justin Clavet
[REDACTED]



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Glenn Clayton [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 8:49 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Glenn Clayton
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Cardona Cleland [REDACTED]
Sent: Wednesday, July 26, 2017 10:32 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned Illinois citizen and member of CAPA - Chicago Area Peace Action, regarding the Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

The Woolsey application is woefully inadequate. There are overarching generalities and deficiencies in the initial application and supplemental information, not to mention problems where information was actually provided. There are many concerning omissions in both the supplemental information and the original application.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. Woolsey should NOT be given a permit to engage in fracking in the state of Illinois -- Southern Illinoisans' water supplies, health, safety, and livelihoods are on the line.

Sincerely,
Carter Cleland

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Angela Clement <act@fwwatch.org>
Sent: Monday, June 19, 2017 1:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Angela Clement



Brown, Ronda

From: Angela Clement [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Angela Clement
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kelly Clifton <act@fwwatch.org>
Sent: Friday, June 23, 2017 9:17 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Kelly Clifton



Brown, Ronda

From: Mark Coats [REDACTED]
Sent: Wednesday, June 07, 2017 4:51 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment for Review Number (HVHHF-000001)

To the Illinois Department of Natural Resources, Attention: Oil and Gas Regulatory Staff

I would like to submit a public comment to voice my strong opposition to the application by Woolsey Operating Company, LLC, for a High Volume Hydraulic Fracturing permit (Review Number HVHHF-000001). There are numerous reasons to oppose this application. The Environmental Protection Agency, says that fracking can negatively impact our drinking water.

Hydraulic Fracturing for Oil and Gas: Impacts from the Hydraulic Fracturing Water Cycle on Drinking Water Resources i...

By US EPA National Center for Environmental Assessment, Immediate Office

The United States Geological Survey has found that fracking can cause earthquakes.

Increasing seismicity in the U. S. midcontinent: Implications for earthquak...

By William L. Ellsworth

And over 200 peer reviewed studies have shown fracking to be a threat to the general public's health and safety.

Compendium of Scientific, Medical, and Media Findings Demonstrating Risks a...

About this Report The Compendium is a fully referenced compilation of the significant body of scientific, medica...

With so much information regarding the many dangers of fracking, I believe that it is irresponsible and negligent to permit Woolsey to risk the lives and livelihoods of the people of Southern Illinois with their reckless quest for profits and I ask that you deny their request for a fracking permit.

Sincerely,

Mark Coats



Brown, Ronda

From: Mark Coats [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:56 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mark Coats
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Larry Coble <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 1:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

We do not need fracked gas to increase our ability to produce power. It is time to complete the transition to renewable energy for power generation. Plus, we need to find a fuel source to replace it for home heating such as widespread implementaion of geo thermal.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Larry Coble

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Barbara Cochran [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:02 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Barbara Cochran
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Charles Coddington <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Charles Coddington



Brown, Ronda

From: Carrie Codell [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:59 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carrie Codell
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Neil Codell [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 11:04 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Neil Codell
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Stephanie Coggins [REDACTED]
Sent: Wednesday, June 21, 2017 2:29 PM
To: DNR.HFPublicComments
Subject: [External] Review No.(HVHHF-000001)

Illinois Department of Natural Resources

ATTN: Oil and Gas Regulatory Staff

DNR.HFPublicComments @[illinois.gov](mailto:DNR.HFPublicComments@illinois.gov)

IN RE: Review No. HVHHF-000001

Dear Department:

I wish to make comments with respect to the application of Woolsey Operating Company, LLC, for the Woodrow #1H-310408-193 well located in White County, Illinois. This application has been assigned your Department Review No. HVHHF-000001.

We have been regulated through comprehensive federal and state statutes and regulations. The Department of Natural Resources has always been fully staffed and highly competent for purposes of regulating the Industry. Because of this fact, it was able to obtain primacy status with respect to implementing regulatory programs as to the underground injection control processes.

In 2013, after a highly contentious and involved period of negotiations among legislators, state agencies, the Industry, and the environmental community, a complex, comprehensive statute became law with respect to high volume horizontal hydraulic fracturing operations. This was followed by comprehensive regulations by the IDNR where the same parties participated. The statute and the regulations are the result of input by all parties which were ultimately agreed upon.

Woolsey Operating Company, LLC, an established oil and gas company with a long track record of development and operations, has now filed the first application under the statute and the regulations for a high volume horizontal hydraulic fracture operation well. Woolsey should be given every opportunity to submit and pursue an application based upon the objective standards of the statute and regulations. The debate as to the propriety of high volume horizontal hydraulic fracturing operations should not color the application process. This debate is over and has been addressed by the applicable statute and regulations. The application process should be allowed to be pursued based upon the defined and objective criteria of the statute and regulations and without emotion, hysteria, and incorrect assertions with respect to the fracturing process.

The high volume fracturing process has been studied by numerous governmental agencies and private parties. The USEPA's final ground water report found nothing to suggest that fracking is a serious risk to ground water. Impacts to ground water identified by the report were attributable to activities not exclusive to fracturing operations.

No fewer than 18 reputable studies, including 7 by governmental agencies, have concluded that fracturing operations are not a significant threat to drinking water.

The USGS has stated that fracturing operations are not causing most of the induced earthquakes in the United States. High volume, deep waste water injection from day to day oil and gas operations can under various circumstances cause induced seismicity.

The overwhelming majority of scientific research stated by environmental activists fails to take actual measurements to support their conclusions and lack evidence of causation. Most of the studies have been part of a campaign by anti-fracking groups to arrive at research to support the anti-fracking agenda.

The Hydraulic Fracturing Regulatory Act is over 125 pages and the IDNR regulations also cover over 125 pages in length. The Act and the regulations were thoroughly negotiated with representatives from the State, the Industry, and the environmental community. All parties had a seat at the table and the fact that the Illinois law and regulations are the most restrictive in the United States indicates the success of all parties to the negotiations obtaining provisions to address their concerns.

The application process for a high volume horizontal hydraulic fracturing operation is comprehensive and technical. The IDNR has a staff to assure that the application is in compliance with applicable law and regulations and if found to be such, the permit should issue with Woolsey having the opportunity to drill the well.

The IDNR has highly competent staff capable of determining whether any application complies with the statute and regulations. I have the confidence that the Department will move forward in a professional manner without consideration to irrelevant and non-application issues. Thank you for allowing me to provide comments with respect to Woolsey's application.

Respectfully submitted,

Stephanie Coggins



--

stephanie

Brown, Ronda

From: Jane Cogie [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 30, 2017 2:57 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jane Cogie
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Bob Cohen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:09 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bob Cohen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jack Cohen <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 7:52 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Jack Cohen

[Redacted signature block]

Brown, Ronda

From: Joel Cohen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:15 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

today I have type to you in a late order sorry it has not gotten sign due to my late ness. oil drilling is not at any place in America to the heath it is fakes that oil workers die earlier in life inside the place were they work do to the walls closing on the body of person that is inside of the job location were the body's do the work.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

What is dnr? the problem with this is the you have explain something not all things to this club we need more information to know all the things you are talking about to us. I will go against the club on this reason is oil rig in the Midwest product shipped to the sw always as texas is in state only act provided learned about texas on a school visit. this will help the Illinois budget and give job that everyone likes of the gov position to do white county is a old county named after houston that is sheriff in tazwell county has first dog group underneath payroll in cross town same only true of work that back dated the county in the line of eguel this move will bring people and homes to the county that will keep spending inside of it and bring the people to like you more if pass I know people like to share things as in drawing of a home is added in the do of people getting money from this oil new in the county environment is not destroyed it brings people that like and have heritage of oil inside of them that is know to all of the work body to the place and every place has a table to get food at that will help this county out it is struggling in bringing to the state and is in need of the resource to everyone itself mostly most people in county stay or work across and do the most spreading in the name location this will help the state well gps what are a car get real club write people will go to on a trip that has the fulfillment of oil inside of them it is known study. I watch I know.

From the information that is provided, a number of concerns arise, including but not limited to:

I do not have any concerns nor do I limit you in this topic the number of ask is accepted in this plan.

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.

recycled water is waste water known to all ask a park ranger he will tell you the truth the people do not need to drink poop water. bring the money.

2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.

ton is the estimate amount of drill each drill on a day do the math to your poop water.

3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.

oil drill have secret only if approve not disapproved in all area of the land were the drill is then the town people tell locals know the truth only this gives local money and the body get all the information from the wall hold position

4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.

oil drillers do not get the best care they work long and hard for the wage dollar that is enough to provide for a family on a small budget insurance come with and the second line of family is protected hi protected insurance a lot of dollar amount explaining second line is easy father worker son is second line or daughter to father worker or mother

5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.

topsoil this is not flower class this is oil drill grass is dirt is needed to be around the property to have it drill correct topsoil is surf any to survey

6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

poop water is what your protection is on this number list all police number to order command do action list ShowTime erin b case is needed in county to fix the problem who wants to be a million dollar person is up to you congress I just know it not first come service either I wrote it it is happening as you read it I know I watch tv read case of famous before goes to word farm famous my choose I gave this corrupt grade and I am in witness protection from the police and single assailant charge is coming to a lot of people in places in this state for what happened I have faith and I am keeping it

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

once again come police repeat mind in order top finish marshal study before I know myself police dnr club writer babara is repeat cop club likes and get approved all the time her real name is dorren of pekin and tells us it class and no one will believe you that call mentioned on bus wants me dead because son is illegal person but has cop to protect her enough games people

mike McCoy Douglas football class east Peoria I seen it name last has to obey Metamora area of name family mob neighbor not any better mark same both of name mob people east Peoria cop on payroll work united place family has rank over sheriff new homeland disobeyer to policy county policy have as do work not allowed in homeland known to me I know a lot nothing happening just wait corrupt cop go to jail in family members bitten is to bring do crimestoper and can't rank reason family mob I know

this not knowing of letter word need to get accepted to the county bring reason people like that stuff and people work

Sincerely,

Joel Cohen





This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Linc Cohen [REDACTED]
Sent: Tuesday, July 25, 2017 10:44 AM
To: DNR.HFPublicComments
Subject: [External] Regarding Permit (HVHHF #000001).

Regarding the Woolsey application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001). Please deny the permit based on the reasons below.

1) The initial Woolsey application was grossly inadequate with numerous deficiencies, and did not comply with the Hydraulic Fracturing Regulatory Act (HFRA). We are concerned about Woolsey's willingness to adhere to the regulations in HFRA. Woolsey's laxness with HFRA requirements during this application process is a disconcerting sign which brings up questions as to whether they will be compliant with the law when they actually start the process of high volume horizontal fracking. Based on their behavior already this permit should be denied.

2) Southern Illinoisans' valuable water resources are at risk. Woolsey's Water Source Management Plan proposes use of a total of 7,500,000 gallons of local groundwater in its operations. This quantity of water is extremely wasteful in an area where aquifers can be drained easily. The Department itself considers the "most commonly reliable figure" for HVHHF to be from

"4.4 to 5 million gallons per well." Woolsey's assurances that they will not be wasteful of the water fall flat. We call on the IDNR to deny their plans to overuse the ground water - why would they not be in violation of Illinois' reasonable use doctrine for groundwater withdrawals? Illinois has already had two significant droughts in Southern IL, in the past 10 years.

Please act carefully with our water resources - deny the Woolsey permit based on excessive planned water use.

3) Fracking induced earthquakes have been proven, and can be quite significant, having been the source of much property damage already in states such as OK. Frackquakes are of grave concern for Southern Illinoisans. The Woolsey well location is in the active earthquake area of the Wabash Valley, yet there is no earthquake rider in the insurance documents provided in the application, nor earthquake modifications to any of the required plans. IDNR should do due diligence and check with the USGS to see if Woolsey is out of compliance with 62 ILL.

ADM. CODE, Section 245.210 (d): [If any part of the well or well site identified in subsection (a)(2) is in an area identified by the U.S. Geological Service as having a 2% or more probability of exceedance (in 50 years) of peak ground acceleration of 0.4 standard gravity (g) or more, then the plans submitted per subsections (a)(11) (Hydraulic Fracturing Fluids and Flowback Plan), (a)(12) (Well Site Safety Plan),

(a)(13) (Containment Plan) and (a)(14) (Casing and Cementing Plan) shall identify measures the applicant will take to protect the components in those plans against an earthquake of M 4.5 or more, and the insurance policy identified in subsection (a)(19) shall have a rider providing coverage against loss or claims resulting from impacts from any aspect of the permitted operations following earthquakes of M 4.5 or more.]

If Woolsey is out of compliance with any aspect of HFRA's requirements we ask that you deny the permit - 2 strikes and they should be out! The process of high volume fracturing is a complex process, and we know that the IDNR does not have enough regulators to be constantly monitoring for compliance with HFRA. Trust is required between the IDNR and well operators that they will self report on a number of crucial issues. If Woolsey can not be in compliance during the application process then there is not one reason for the IDNR to trust that they will remain in compliance during their drilling and fracturing operations.

Lincoln P. Cohen
[REDACTED]

Brown, Ronda

From: Mara Cohen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:58 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mara Cohen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ava Cohn [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 10:35 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ava Cohn
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dawn Colbert [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 3:37 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dawn Colbert
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Hillary Colby [REDACTED]
Sent: Wednesday, July 05, 2017 10:46 AM
To: DNR.HFPublicComments
Subject: [External] Fracking Permit

Please deny any permit requests for fracking permits in Illinois. Fracking is an environment destroying, non job creating disaster. All you have to do is look to Oklahoma where they went from 2 earthquakes a year to over 600. With the NewMadrid large fault line in Illinois we too will be setting our state up for disaster.

Sincerely,
Hillary Colby
[REDACTED]

Brown, Ronda

From: Mary Colby [REDACTED]
Sent: Wednesday, July 05, 2017 10:37 AM
To: DNR.HFPublicComments
Subject: [External] Fwd: Fracking

There is bountiful evidence that fracking is environmentally unsound. From aquifer contamination to earthquakes, the destruction is greater than the value of fossil fuel. Let's invest in sustainable, environmentally friendly energy sources..

NO fracking in Illinois.

Mary Colby
[REDACTED]

Brown, Ronda

From: Mary Colby [REDACTED]
Sent: Wednesday, July 05, 2017 11:05 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

NO to fracking!

There is bountiful evidence that fracking is environmentally unsound. From aquifer contamination to earthquakes, the destruction is greater than the value of fossil fuel. Let's invest in sustainable, environmentally friendly energy sources..

NO fracking in Illinois.

Mary Colby
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Dori Cole <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Dori Cole



Brown, Ronda

From: Dori Cole [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dori Cole
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Clifola Coleman <act@fwwatch.org>
Sent: Sunday, June 18, 2017 8:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Clifola Coleman



Brown, Ronda

From: Linda Coleman [REDACTED]
Sent: Tuesday, June 13, 2017 6:23 AM
To: DNR.HFPublicComments
Subject: [External] Comment on HVHHF-000001

I write to vehemently oppose this application for fracking rights or any application that would similarly have proximity to the New Madrid Fault Line. Even minimal research will show the kinds of consequences being faced in places such as Oklahoma from fracking. To see those results along a major fault line is irresponsible and dangerous. Here is but one publically available report that illustrates the problem.

<http://money.cnn.com/2016/09/03/news/economy/oklahoma-earthquake-fracking-oil/index.html>

Best,
Linda Coleman

"On with the dance, let joy be unconfined" (Mark Twain)

Brown, Ronda

From: Robert Coles [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Robert Coles
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Colleran <act@fwwatch.org>
Sent: Sunday, June 25, 2017 10:21 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mary Colleran



Brown, Ronda

From: Cathy Colton [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 26, 2017 10:02 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cathy Colton
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kathleen Colton <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kathleen Colton



Brown, Ronda

From: Patrick Comer [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 12:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

Don't do it! The application for a proposed well (Woodrow #1H-310408-193) in White County is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment. It cannot be approved as submitted because the application does not give the exact location of the two disposal wells, it requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, it fails to include plans to recycle water or otherwise minimize water consumption, it underestimates flowback volumes, it conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection, it includes inadequate insurance for the well that excludes the very types of damages to private landowners' property that should be protected, the operations as described in the application would fail to preserve topsoil, and the stormwater management plan, and its plans are deficient in surface and groundwater sampling.

Reject the company's inadequate permit application; it fails to protect our health and environment.

Sincerely,

Patrick Comer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Pat Condon <act@fwwatch.org>
Sent: Monday, June 26, 2017 5:08 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Pat Condon



Brown, Ronda

From: Dennis Connolly [REDACTED]
Sent: Friday, July 28, 2017 3:06 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 comment

Department of Natural Resources

Research and evidence shows the importance for an immediate fracking suspension because of contamination from hydraulic fracking.

The 5000+ previously EPA regulated chemicals and byproducts of manufacturing and the oil refinery cartel are kept secret to obscure their identity.

We have an obligation to keep our water resources pure and uncontaminated from this toxic petroleum extraction industry.

This fracking business is too dangerous for our community within Illinois.

Please consider an immediate fracking suspension!

Please review & research evidence of contamination in multiple states! We will provide this documented evidence!

Dennis Connolly
[REDACTED]

Brown, Ronda

From: Becky Connors [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:04 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Becky Connors
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Marc Conrad [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marc Conrad
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marc Conrad <act@fwwatch.org>
Sent: Sunday, June 25, 2017 5:52 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Marc Conrad



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Siggi Conroy <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Siggi Conroy



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Constant <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Constant



Brown, Ronda

From: Julie Contro [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:38 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Julie Contro
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mike Conover <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 7:56 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Mike Conover

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Carol Conway [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 10:35 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carol Conway
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Susan Cook <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Susan Cook



Brown, Ronda

From: Caroline Coolidge [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:35 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Caroline Coolidge
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: James Coon [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

James Coon
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Peggy Coon [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Peggy Coon
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Leah Cooper [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:03 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Leah Cooper
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: michael corcoran [REDACTED]
Sent: Monday, June 19, 2017 4:06 PM
To: DNR.HFPublicComments
Subject: [External] Hydrolic fracturing permit #HVHHF-000001

We all know the risks to the environment and by extension all its living creatures from hydrolic fracturing. The evidence grows daily and becomes more alarming. I live in Carmi, IL in White County and Woolsey Energy from Kansas has applied for permit #HVHHF-000001 to sink a frack well between Enfield and Springerton in White County.

Fracking's infusion of money into local communities means nothing if the environment is degraded. There is general agreement it will be degraded; it's a question only of degree and duration. There is abundant evidence of earthquakes, radiation and methane emissions, the unsightly industrialization of the countryside with brightly lit wells running 24/7, the damage to roads under the burden of water trucks going to and from the wells, the always present danger from trying to safely manage and dispose of millions and millions of gallons of highly toxic frack water.

The common long term well being of the people of White County should be the cardinal consideration on whether to frack or not frack. Is the common good enhanced or degraded. I believe it may be enhanced short term but can only be degraded long term. There will be local money to be made but the vast bulk of money will go to out of state energy companies and distant big city banks who supply frackers with loans. All the health risks and quality of life risks, perhaps for generations to come, will be ours. Thank you very much!

There's a Greek term "Phyrric victory" which according to Wikipedia is named after king Pyrrhus of Epirus who defeated the Romans in a battle in 280 BC. The Greeks won but lost a greater percentage of soldiers than the larger Roman army. The Greek historian Plutarch commenting on the battle said: "If we are victorious in one more battle with the Romans we shall be utterly ruined."

Let's hope that if fracking wins the battle in White County it doesn't ultimately mean our utter ruin.

Please reject the fracking permit review number HVHHF-000001 applied for by Woolsey Operating Company, LLC. Thank you.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Tom Cordaro <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Tom Cordaro



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jamie Corliss <act@fwwatch.org>
Sent: Monday, June 19, 2017 5:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Besides the serious risks to the health and safety of residents in the area and the significant damage caused to the environment around fracking sites, this plan goes against moves towards sustainable energy. The health of IL residents and wildlife would be put in danger because of this proposed plan and contribute to climate change. With the federal government recently backing out of support for the Paris Climate agreement, it is up to local and state governments to affirm a commitment to renewable energy sources. It is in the best interest of your company to pursue renewable resources as well and the profitability of your endeavor will be challenged by the masses of IL residents who reject the use of fracking.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Jamie Corliss



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ian Cornelius <act@fwwatch.org>
Sent: Sunday, June 18, 2017 10:15 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Ian Cornelius



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ed Cornwell <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Ed Cornwell



Brown, Ronda

From: Edward Cornwell [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:53 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Edward Cornwell
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dino Costa [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, June 28, 2017 2:04 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dino Costa
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Don Cote [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:38 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Don Cote
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: [REDACTED]
Sent: Friday, June 23, 2017 1:39 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

mc@mattcotten.com

[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sandra Couch <act@fwwatch.org>
Sent: Saturday, June 17, 2017 3:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Sandra Couch



Brown, Ronda

From: Sandra Couch [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 3:08 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sandra Couch
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Elizabeth Coughlin [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

Dear Governor Rauner,

Please say NO to Woolsey Operating Company's fracking application and see to it that Illinois DNR rejects the company's inadequate permit application that fails to protect our health and environment!

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Again, Illinois DNR should REJECT the company's inadequate permit application that fails to protect our health and environment. We need your leadership!

Respectfully,
Elizabeth Coughlin
Illinois Resident

Sincerely,

Elizabeth Coughlin



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Patricia Coutre [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 9:33 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

Governor, your actions will affect the future of Illinois forever.
Please don't allow this to become a reality.

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Patricia Coutre
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Scott Cowan [REDACTED]
Sent: Tuesday, June 27, 2017 11:51 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Scott Cowan
[REDACTED]

Brown, Ronda

From: Marsha Cowen Hosfeld [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, July 17, 2017 1:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marsha Cowen Hosfeld
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kathy Cowan <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

The action of forcing water into the deep ground is also making the area unstable, making for more earthquakes in areas where they have never been.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kathy Cowan



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of KATHY COWSERT <act@fwwatch.org>
Sent: Friday, June 23, 2017 9:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. KATHY COWSERT



Brown, Ronda

From: Helen Cox [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:25 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Helen Cox
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ron [REDACTED]
Sent: Wednesday, July 26, 2017 11:09 AM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001
Attachments: Public Comments re HVHHF 000001--7-25-17 IL.pdf

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of Progressive Democrats of America, Chicago Area Peace Action, and Lake St. Church of Evanston Peace and Justice Committee regarding the Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

I do not believe that we should be doing fracking at this time when there is inadequate scientific information on the LONG TERM safety of fracking. The situation in Oklahoma certainly creates great skepticism about the safety.

Regardless of the safety issue, the use of water should be of great concern. Across the world, it is widely held that wars over securing water are almost inevitable in the not too distant future and we allow fracking companies to take our water, pollute it, and dispose of it FOREVER into the ground, possibly polluting current ground water. This a very short-sighted search for profits at the expense of future generations. It is not sustainable in a time when we currently have a glut of fossil fuels. We must promote sustainable development.

The Woolsey application is woefully inadequate. There are overarching generalities and deficiencies in the initial application and supplemental information, not to mention problems where information was actually provided. The attached comments highlight areas of deficiency and concerning omissions in both the supplemental information and the original application. I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking.

I strongly believe that Woolsey should not be given a permit to engage in fracking in the state of Illinois -- Southern Illinoisans' water supplies, health, safety, and livelihoods are on the line.

Sincerely,

Dr. Ron Cox
[REDACTED]

Brown, Ronda

From: Ron [REDACTED]
Sent: Friday, July 28, 2017 2:55 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001

Dear IDNR Oil and Gas Regulatory Staff:

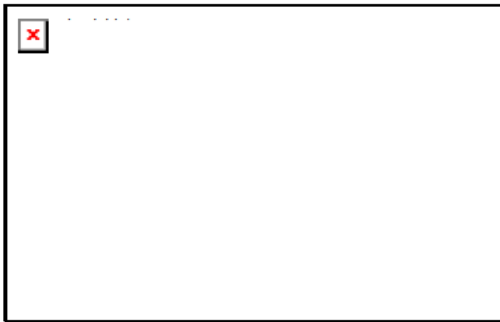
I am writing you regarding Public Comments re: HVHHF #000001 because of my very deep concern about the long term impact of FRACKING. A number of areas have been heavily damaged by fracking and we must avoid the same situation here.

I believe that if the IDNR is really concerned about fracking that you would actually create a public discourse on the issue. One of the best ways to do so is to have IDNR-sponsored public showings in at least a dozen different locations around the state. Ideally they would be shown in each and every county with a number of showings in the more populous counties. The movies to be shown should include Josh Fox's *Gasland I* and *Gasland II*. Would be informative to see how they fit into the overall problem of climate change by adding in *How to Let go of the World*. I do not believe that any person making a decision should make that decision before viewing and discussing all three movies. The *Gasland* movies focus specifically on fracking.

I would hope that you would be looking at the VERY long-term and future generations and not just quick profits and jobs in the here and now that may create catastrophic situations for future generation.

Dr. Ron Cox
[REDACTED]

<http://www.howtoletgomovie.com/>



HOW TO LET GO OF THE WORLD - A Film by Josh Fox

www.howtoletgomovie.com

In *How to Let Go of the World and Love All The Things*
Climate Can't Change, Oscar Nominated director Josh Fox
(GASLAND) continues in his deeply personal style ...

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ron Cox <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Ron Cox



Brown, Ronda

From: Ron Cox <info@actionnetwork.org>
Sent: Wednesday, June 28, 2017 3:39 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

In a time when people are projecting that the next wars could be over water supply, not oil supply, WHY are contaminating water and dumping in into the ground for eternity? Each well uses thousands of gallons each day. Right now oil is not even a scarce resource. We already have alternative energy sources but we do not have alternaties for water.

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Ron Cox

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of ELIZABETH CRABTREE <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 1:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,
Elizabeth Crabtree



Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. ELIZABETH CRABTREE



Brown, Ronda

From: Elizabeth Crabtree [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 10:27 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Elizabeth Crabtree
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rene Craig <act@fwwatch.org>
Sent: Saturday, June 24, 2017 7:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Rene Craig



Brown, Ronda

From: Linda Cramer [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linda Cramer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: David Crawford [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:57 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

David Crawford
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kevin Creely [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, July 01, 2017 2:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kevin Creely
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kevin Creely [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:03 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kevin Creely
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jessica Creery <info@actionnetwork.org>
Sent: Monday, June 26, 2017 12:04 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Jessica Creery

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Samuel Crockett [REDACTED]
Sent: Friday, June 23, 2017 1:54 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Samuel Crockett
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brian Cronin <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Brian Cronin



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jody Coss <act@fwwatch.org>
Sent: Friday, June 23, 2017 9:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

I DO NOT APPROVE OF FRACKING BEING DONE IN MY STATE. I WANT TO MAKE THIS CLEAR. UNDER NO CIRCUMSTANCES, WOULD I WANT THIS TO HAPPEN.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jody Coss



Brown, Ronda

From: Elizabeth Crowley [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 6:14 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Elizabeth Crowley
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Susan Crowley [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:03 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Crowley
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Leuise Crumble [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 7:59 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Leuise Crumble
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Christina Crusius [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:04 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Christina Crusius
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Agnes Cruz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:00 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Agnes Cruz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Samuel Cruz <act@fwwatch.org>
Sent: Sunday, June 18, 2017 2:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Illinois is a beautiful state, we don't need to frack here, and as someone who has worked in the political realm for this state I feel that I have a right to tell you, we do not want to ravage Illinois.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Samuel Cruz



Brown, Ronda

From: Martin Cuellar [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:34 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Martin Cuellar
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Linda Cueva [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:03 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linda Cueva
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nancy Cullerton <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Let's use the open and flat land of Illinois for wind turbines and keep our state free from further contamination. Illinois has already had many designated Super Fund sites and without a strong EPA any accident would put Illinois land back to brown field status.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Nancy Cullerton



Brown, Ronda

From: Nancy Cullerton [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:23 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

This is not the time for adding more harm to the environment of our state. This is the time for jobs in the environmental field that will support clean air and water. Say no to fracking and look to wind turbines, hybrid cars for government employees and promote industry that will help not hurt our state and planet.

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Nancy Cullerton
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: John Culver [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:49 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

John Culver
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Scott Cummings <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Scott Cummings



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Katharine Cuneo <act@fwwatch.org>
Sent: Monday, June 19, 2017 9:48 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Katharine Cuneo



Brown, Ronda

From: David Cunniff [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 4:00 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

David Cunniff
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Elda Cunningham [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 10:02 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Elda Cunningham
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jennifer Cunningham [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:37 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jennifer Cunningham
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ann Marie Cunningham <act@fwwatch.org>
Sent: Monday, June 26, 2017 10:54 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Ann Marie Cunningham

A large black rectangular redaction box covering the signature and name of Ms. Ann Marie Cunningham.

Brown, Ronda

From: Sandra Cuprisin [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:58 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sandra Cuprisin
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Marilyn Curren [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 11:41 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marilyn Curren
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nancy Cusack <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Nancy Cusack



Brown, Ronda

From: Nancy Cusack [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:24 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Nancy Cusack
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ron Cutshall [REDACTED]
Sent: Friday, June 02, 2017 7:34 PM
To: DNR.HFPublicComments
Subject: [External] Fracking

Please!
Please!
Please!
Do not allow Fracking in our State!
Thank you,
Ron Cutshall

Sent from my iPhone

Brown, Ronda

From: Sandra Cuza [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:18 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sandra Cuza
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Catherine Cyko <act@fwwatch.org>
Sent: Monday, June 19, 2017 11:18 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Public Comment regarding HVHHF Review #:000001

Dear IDNR Oil and Gas Regulatory Staff,

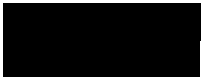
I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,
Catherine Cyko



Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Catherine Cyko



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Linda Cypert <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Linda Cypert



Brown, Ronda

From: Gayle Edmunds [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 7:17 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Gayle Edmunds
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Sam Edsill [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Ill., would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sam Edsill
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Eric Edwards [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:45 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Eric Edwards
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of J Elise Edwards <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. J Elise Edwards



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jessica Ege <act@fwwatch.org>
Sent: Friday, June 23, 2017 10:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jessica Ege



Brown, Ronda

From: Pat Egleton [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 8:33 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

As a daughter of a petroleum geologist, I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Pat Egleton
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Helen Ehrensperger <act@fwwatch.org>
Sent: Saturday, June 17, 2017 8:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Helen Ehrensperger



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Racheal Eichelberger <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Racheal Eichelberger



Brown, Ronda

From: Racheal and Edwin Eichelberger [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Racheal and Edwin Eichelberger
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Carla Eisenberg [REDACTED]
Sent: Tuesday, June 27, 2017 9:38 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Carla Eisenberg
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Tom Eisenhart <act@fwwatch.org>
Sent: Monday, June 19, 2017 10:18 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Tom Eisenhart



Brown, Ronda

From: Barbara Eiserman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, June 28, 2017 8:17 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Barbara Eiserman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Barbara Grace Elam [REDACTED]
Sent: Wednesday, July 26, 2017 8:46 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 comment

Please do not frack. There are health consequences to this practice and other alternatives to the energy that would be produced. The cost will be prohibitive in the end with medical pay outs. Don't ruin our environment, thank you from all current and future generations.

Barbara G. Elam, MS, LCPC

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Eliades <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mary Eliades



Brown, Ronda

From: Jim and Mary Ellen [REDACTED]
Sent: Friday, July 28, 2017 12:47 PM
To: DNR.HFPublicComments
Subject: [External] HVVHF#000001 Comments

Submitted to DNR.HFPublicComments@illinois.gov

The following comments are offered in regard to the fracking application of Woolsey Operating Company, HVVHF#000001. Illinois has been damaged from inadequately regulated coal mining, coal combustion, gas, and oil extraction for decades. Do not add to the health and environmental burdens of citizens to appease the profit margin of this company.

My interaction with the Illinois Department of Natural Resources, Office of Mines and Minerals, during the application, approval, and construction of Deer Run Mine by Hillsboro Energy LLC in Hillsboro, Illinois is the basis for this request to deny this fracking application. IDNR represents industrial interests over the health and quality of life of residents as would certainly happen with fracking.

The assurances by IDNR and the Illinois Environmental Agency that there would not be any violations of the Clean Air Act and the Clean Water Act with the construction and operation of Deer Run Mine were myths. First and foremost, the monitoring required during the mine operation was not sufficient to document any possible violation of the Clean Air and Clean Water Acts. There were no air monitors on or off the mine site even with the coal processing plant next door to the Hillsboro Hospital. The water monitoring did not include the most harmful chemicals in coal or the quantity of chemicals exiting the mine site. The conductivities of surrounding water resources were greatly increased due to salt accumulation from the mine.

The safety and security of the residents were ignored when IDNR approved 2 high-hazard coal slurry impoundments within the city that upon failure would threaten lives, destroy many homes and businesses, degrade the hospital location, damage farmland and streams, and lower the economic value in the community due to millions of gallons of toxic, noxious slurry. These threatening impoundments remain forever in the community long after the coal mine is gone.

I have no confidence that IDNR will implement or enforce regulations that will adequately protect the health, safety, and economy of the public in White County. Do not approve the application of Woolsey Operating Company, HVVHF#000001.

Thank you,

Mary Ellen DeClue
[REDACTED]

Brown, Ronda

From: Stephanie Ellenwood [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Stephanie Ellenwood
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: C R Ellicott [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 8:43 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

C R Ellicott
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Maureen Ellis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:16 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Maureen Ellis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of R. Ellis <act@fwwatch.org>
Sent: Saturday, June 17, 2017 2:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. R. Ellis

.



Brown, Ronda

From: William Elsner [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 7:07 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

William Elsner
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Hassan El-Tayyab [REDACTED]
Sent: Wednesday, July 26, 2017 12:39 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of The People's Lobby and Reclaim Chicago regarding the Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

The Woolsey application is woefully inadequate. There are overarching generalities and deficiencies in the initial application and supplemental information, not to mention problems where information was actually provided. The attached comments highlight areas of deficiency and concerning omissions in both the supplemental information and the original application.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking.

Woolsey should not be given a permit to engage in fracking in the state of Illinois -- Southern Illinoisans' water supplies, health, safety, and livelihoods are on the line.

Sincerely,

Hassan El-Tayyab

[REDACTED]

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Hassan Eltayyab <act@fwwatch.org>
Sent: Thursday, June 22, 2017 12:45 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Hassan Eltayyab



Brown, Ronda

From: Elizabeth Emmel <info@actionnetwork.org>
Sent: Friday, June 23, 2017 2:35 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Oil & Gas Regulatory Staff,

Don't you dare!!! I do not want that dirty practice, that poisons our ground water and our Earth, in this state. You have no right to shove down our throats something that only corporate whores and corrupt government officials want! The people of Illinois do not want this filthy practice in their state!

Elizabeth Emmel

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Joe Emmenegger <act@fwwatch.org>
Sent: Saturday, June 17, 2017 1:12 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Joe Emmenegger



Brown, Ronda

From: Jean Engel [REDACTED]
Sent: Sunday, June 25, 2017 3:29 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Jean Engel
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Anne Engelhardt [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Anne Engelhardt
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Audrey Engelking <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Audrey Engelking



Brown, Ronda

From: Kathy Engert [REDACTED]
Sent: Friday, July 28, 2017 12:05 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,
Kathy Engert
ONE Northside/Fair Economy Illinois
[REDACTED]

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHHF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

COMMENTS

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water** - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHHF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated** - The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the “drilling objective” is the New Albany Shale but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.

5. **Failure to Clearly Identify the Confining Zone** - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.

6. **Missing Data** - There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.

7. **Confusing Data**- The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.

8. **Inadequate Information**- Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.

9. **Missing Data**- Surface Training Pressure Range- This information is entirely missing.

10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. **Missing Data**-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHHF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and

4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of "Trade Secret."

Water Source Management Plan- Document 9

14. Failure to Propose Methods to Minimize Water Withdrawals One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHWF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective. Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant’s Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant’s Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHWF water supply wells) and a surface water body (a stock pond). A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program. (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. **Inadequate information on Fracturing Fluids-** The Applicant’s Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department’s form regarding fracturing fluid is provided as the only information stated in the Applicant’s plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on “injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail.”

17. **Unrealistic Rate of Flowback Recovery Proposed-** The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. **Inadequate Information on Storage Tanks-** The application states that the storage tanks will meet the qualities for the “purpose built.” There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. **No Testing Plan for Flowback Water-** This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. **Use of Earthen Containment Berms-** The plan states that the flowback storage tanks will be “enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume.” No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR’s numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. **No Clarity for NORM Sampling to Undefined “Black Shale”-** Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. **Safety Considerations of the General Public-** There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. **The Containment Plan is completely inadequate.** It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. **Missing Information in the Casing and Cementing Plan-** The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois’ regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. **Traffic Avoidance of the Wabash River-** The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. **Specification of Earthquake area or floodplain missing or inadequate-** The Department’s form requires the applicant to identify whether the insured wellsite location is in a defined earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate-** The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil . . ."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan

29. **Inadequate Water Quality Monitoring Plan-** The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. **Data Analysis Procedure Plan Inadequate-** The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data Analysis Procedures." The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that "the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology." Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

31. **Water Quality Monitoring Work Plan is not "independent"**- The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. **Lack of Clarification on "Black Shale" subject to sampling-** As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase "black shale" is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the "black shale" that will be tested pursuant to this requirement.

33. **Need to Clarify If Filters Will Be Used and Tested for Radioactivity.-** One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used

on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. **Insufficient bond-** The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: "ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT." The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is "not in the interest of the applicant to overuse water in the HVHFF process" but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application's Water Source Management Plan:* "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself

considers to be the “most commonly reliable figure” for a HVHWF of from “4.4 to 5 million gallons per well.”

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois’ reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHWF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**

- Which is correct?
- Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
- Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the “Wheel Wash” they describe will be installed and monitored at the location named?

Section 2.10 "Control of Other Air Emissions": Under the heading "Appropriate emission", it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: "During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820."

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes."

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice

Page 1 of this section states: “If necessary, a public hearing is scheduled for the 02 day of August, 2017....”

Comments/Questions:

- Who determines if it is “necessary”?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Brown, Ronda

From: Alice Englebretsen [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Thursday, July 27, 2017 6:36 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Alice Englebretsen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Alice Englebretsen <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Alice Englebretsen



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Elise English <act@fwwatch.org>
Sent: Friday, June 23, 2017 1:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Elise English



Brown, Ronda

From: Linn Ennis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:15 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linn Ennis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Paula [REDACTED]
Sent: Tuesday, June 13, 2017 11:39 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001.

I am writing in reference to the Woolsey Operating Company, LLC, which has applied for a High Volume Hydraulic Fracturing permit, review number HVHHF-000001.

I would like to submit the following public comment: I support a ban on fracking in Illinois. Fracking is dangerous to the environment and threatens water quality for all of us. One in 5 wells that are drilled develop a crack in the concrete when they are built. After just a few years as many as 50% of them have developed cracks. This makes it highly likely that a well could contaminate our groundwater. We have no way to clean up the groundwater once it is contaminated. Water is life! Fracking has been shown to trigger earthquakes and as we know, there are several major fault lines in Illinois. It makes no sense to risk setting off any earthquakes. Furthermore, fracking encourages a reliance on fossil fuel when we should be concentrating on renewable energy sources.

Paula J. Enstrom, MSPH, RN



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Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marla Espeseth <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:51 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Marla Espeseth



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Amylynn Ephraim <act@fwwatch.org>
Sent: Saturday, June 24, 2017 2:20 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Amylynn Ephraim



Brown, Ronda

From: Edward Epley [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:49 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Edward Epley
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Janet And Joe Eppers And Lynch <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Janet And Joe Eppers And Lynch



Brown, Ronda

From: Shelley Epperson [REDACTED]
Sent: Tuesday, June 13, 2017 9:16 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

In reference to the Woolsey Operating Company, LLC, which has applied for a High Volume Hydraulic Fracturing permit, review number HVHHF-000001, my husband and I would like to submit the following public comment: We support a ban on fracking in Illinois. Fracking is dangerous to the environment and threatens water quality for all of us. Fracking has been shown to trigger earthquakes and as we know, there are several major fault lines in Illinois. It makes no sense to risk setting off any earthquakes. Furthermore, fracking encourages a reliance on fossil fuel when we should be concentrating on renewable energy sources.

Rochelle and Thomas Epperson
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Tom Epperson <act@fwwatch.org>
Sent: Monday, June 19, 2017 7:25 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Tom Epperson



Brown, Ronda

From: Michel Epps <info@actionnetwork.org>
Sent: Tuesday, June 27, 2017 8:20 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Michel Epps

[Redacted signature block]

Brown, Ronda

From: Chris Epps [REDACTED]
Sent: Tuesday, June 27, 2017 8:21 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Chris Epps
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Grace Erickson <act@fwwatch.org>
Sent: Monday, June 26, 2017 1:56 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Grace Erickson

A large black rectangular redaction box covers the signature area, obscuring the name and any handwritten notes.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Viktoria Erhardt <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Viktoria Erhardt

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Anna Ernst <info@actionnetwork.org>
Sent: Friday, June 23, 2017 3:17 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Completed

Oil & Gas Regulatory Staff,

As a Christian faith leader in the Evangelical Lutheran Church in America, I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Anna Ernst

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Anna Ernst <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Anna Ernst



Brown, Ronda

From: Natasha Erskine <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 10:32 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Natasha Erskine

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Steven Errede <act@fwwatch.org>
Sent: Thursday, June 22, 2017 9:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Steven Errede



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Richard Essex <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Richard Essex



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Alexander Esche <act@fwwatch.org>
Sent: Wednesday, July 26, 2017 9:34 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

S on HVHHF #000001: Supplemental Application Information

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey inadequately reports their plans and even intentions to monitor the volume of flowback water following injection to ensure that fugitive effluent is accounted for.

Woolsey also inadequately represents the basis of their assumptions for necessary volume of flowback water storage.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment:

The threshold of feasibility is not defined, making it impossible for IDNR to determine whether methods for water withdrawal minimization were adequate or even considered by the applicant.

The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This usage directly competes with and over 275,000 acres of private, agricultural operations and animal operations bringing over \$9 million in revenue to the county.

No justification is given by the Applicant for the extreme volume of water proposed for use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Failure to address the extreme volume of water necessary for operations and to specify what minimization methods were used to determine the feasibility of sustained water usage against vulnerable users in the region presents a failure of the Water Source Management Plans.

Section 11 Well Site Safety Plan

Section 12: Casing & Cementing Plan

Section 12, Page 2: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR ensure that inspectors are present at all settings and cementings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date.
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 12, Page 2: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed. Comments/Questions

- Will IDNR ensure that inspectors are present for all said testing?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the BOP fail.
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the BOP was successfully tested?

Section 12, Page 2 & Page 3: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR ensure that inspectors are present at all testings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the testing fail?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date.
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

I look forward to receiving your reply to these important questions before such a time as the permit is approved by the IDNR.

Sincerely,

Mr. Alexander Esche



Brown, Ronda

From: Leota Ester [REDACTED]
Sent: Sunday, June 25, 2017 1:58 AM
To: DNR.HFPublicComments
Subject: [External] Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Leota Ester
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: becky estel [REDACTED]
Sent: Thursday, July 27, 2017 5:25 PM
To: DNR.HFPublicComments
Subject: [External] review number HVHHF-000001

We are 100% against high volume horizontal hydraulic fracturing. This includes Woodrow No. 1H-310408-193 in White County.

While we appreciate the opportunity to comment, less than one day notice was an intentional attempt to allow as few as possible this opportunity.

Sincerely,
Mike and Becky Estel
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Donna Estes <act@fwwatch.org>
Sent: Saturday, June 17, 2017 3:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

I believe fracking is dangerous for all involved. The environment, the people who live close (because of contamination), animals and future land value and health. If the chemicals can't (and don't have to) be listed or revealed, you know it's toxic.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Donna Estes



Brown, Ronda

From: Carter Esterling [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 7:57 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carter Esterling
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: V. Evan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:14 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

V. Evan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Glen Etzkorn <act@fwwatch.org>
Sent: Monday, June 19, 2017 8:17 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water, and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

I live in a rather rigid structure subject to great harm per the intensity of earthquakes. Regs for the distance from known faults are set up woefully at lowest number in miles compared to other states and their experiences to fracking and injection sites. In the state there already notably in some parts of states using 60-year-old inadequately designed piping.

Due to more science established since the original regs were developed pointing out harm in many ways to vulnerable populations, children, childbearing parents. medical conditions and age factors among our citizens I question various social services should be considering the liability to engage evacuation of stated populations exposed to known risks.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Glen Etzkorn



Brown, Ronda

From: Gregory Evans [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:01 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Gregory Evans
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of David Evans <act@fwwatch.org>
Sent: Tuesday, June 27, 2017 11:39 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. David Evans



Brown, Ronda

From: Katie Evans-Bartley [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:42 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Katie Evans-Bartley
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Zane Evans [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:38 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Zane Evans
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Karrie Ewers [REDACTED]
Sent: Thursday, June 01, 2017 10:34 AM
To: DNR.HFPublicComments
Subject: [External] I Against fracking in Southern Illinois

For what it is worth and not that I have much hope that the government will listen but I am strongly opposed to any fracking taking place in Southern Illinois. Our state can't even handle meeting the basic expenses of education for its citizens and it will surely not be able to pay for the catastrophe that could happen with the various earthquakes fracking could produce. Instead it will be the people who make Southern Illinois their home that will have to pay more in insurance premiums to cover any devastation that takes place. An expense that will only grow with each occurrence putting an additional burden on already strapped citizens of Illinois.

I have personal experience with property we were trying to sell in Jefferson County only to have an oil company come through and basically destroy and then block off the road leading to the various lots. The company didn't provide correction to the road destruction or provide money to us for the loss in potential income. Instead the people purchasing the property walked away from what they invested and we had to write off the cost held in those lots. I can only imagine this is what would happen with fracking. All damages and risk are born on the backs of the citizens who live in the area.

Plus, why do we need to take the additional risks by extracting the oil in a quicker manner? The oil is there, they can get to it the old fashion way and still make money.

Sincerely,
Karrie Ewers

[REDACTED]

Brown, Ronda

From: Carol Ewald [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:55 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carol Ewald
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Renee Ewing [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:41 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Renee Ewing
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Renee Ewing <act@fwwatch.org>
Sent: Saturday, June 17, 2017 12:12 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

I do not believe that the benefits of fracking outweigh it's detriments to the environment. Please do not approve the well permit application for Woolsey Operating Company LLC (HVHHF Review #000001).

Thank you for your attention in this matter.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Renee Ewing



Brown, Ronda

From: Bob Fairbairn [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bob Fairbairn
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Diane Fager [REDACTED]
Sent: Tuesday, June 27, 2017 4:34 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

HVHHF #000001

The Woolsey application for a High Volume Hydraulic Fracturing Permit is the first application since the passage of the Hydraulic Fracturing Regulatory Act on 6/17/13. As such, it is a critical test case in how the IDNR will address future permit applications and comments by the public.

I am writing to urge IDNR to deny the Woolsey HVHHF #000001 application for a variety of reasons, not the least of which include, but aren't limited to:

1. Failure to address a mounting body of evidence in the scientific community on the risks and harms associated with fracking that has come to light since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. Specifically, the NY Compendium of Scientific, Medical and Media Findings, 4th edition, has 924 citations on the risks and harms of fracking, 692 of which have been published since the passage of the HFRA.
2. Generalities and deficiencies in the application,
3. Specific concerns about deficiencies where information IS provided,

Those are my overall reservations but i have particular areas of grave concern:

Comment 1- HVHHF-000001

Underground Freshwater Information- Document 4Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted- Section 245.210(a)(5) of HFRA requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

Comment 2-HVHHF-000001

Missing Data - There is no information, data, or calculations supplied on either a micro-seismic study or the "historic" use to support whether the identification of the "frac barriers" is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or "frac barrier" and the Application is therefore inadequate and must be denied.

Comment 3-HVHHF-000001

No information on the Vertical Propagation of Fractures - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied

Comment 4-HVHHF-000001

Missing Data-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

Comment 5 HVHHF-000001

Data on Transmissive Faults Lacking - The potential for transmissive faults contiguous to HVHHF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Comment 6-HVHHF-000001

Water Source Management Plan- Document 9 Failure to Propose Methods to Minimize Water Withdrawals One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This

requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHFF of from “4.4 to 5 million gallons per well.”

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois’ reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant’s failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that “Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion.”

Concern about the inadequacy of Applicant’s efforts to minimize water use is further reinforced by plan’s only stated “method” for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly’s intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of all of my comments listed above but particularly because of the failure to address any methods or alternatives to minimize its water usage, **the application must be denied** for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Sincerely,

Diane Fager

[REDACTED]

[REDACTED]

[REDACTED]

Brown, Ronda

From: John Fairburn [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:37 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

John Fairburn
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Linda Fairbairn [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:01 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linda Fairbairn
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lisa Falconer [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lisa Falconer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mike Fairchild <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Mike Fairchild



Brown, Ronda

From: Shirley Farano [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:03 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.
7. I am not convinced Illinois residents will be assured of adequate and healthful water supplies.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Shirley Farano
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Chris Fanelli <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 10:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

With renewable energy costing less to produce and yielding more jobs than outdated forms of energy (like oil refinement), it has become obvious that projects like these exist to make large sums of money for very few powerful people. Exploiting the land, health, and safety of Illinois residents is corrupt and unacceptable. Illinois needs to take a stand in moving towards renewable energy. Your organization exists to regulate the oil industry, not serve as a facilitator for the exploitation of Illinois residents' health.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Chris Fanelli



Brown, Ronda

From: Shirley Farano [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:06 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Shirley Farano
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Shirley Farano [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Thursday, June 29, 2017 8:54 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Sincerely,

Shirley Farano
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Erin Farlow [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Erin Farlow
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Robert Farina <info@actionnetwork.org>
Sent: Friday, June 23, 2017 3:25 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Robert Farina

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Rachel Farr [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:56 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rachel Farr
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Rachel Farr [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 1:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rachel Farr
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Diane Fascione [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Diane Fascione
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diane Fascione <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Diane Fascione



Brown, Ronda

From: Shirley Fastner [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:36 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Shirley Fastner
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of James Fehl <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

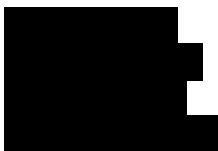
Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins. Just look what's happening in Oklahoma, where fracking has caused thousands of earthquakes!! To say nothing about their drinking water!!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. James Fehl



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Pam Fehling <act@fwwatch.org>
Sent: Monday, June 19, 2017 9:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Pam Fehling



Brown, Ronda

From: Colleen Fehrenbach [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, July 19, 2017 3:05 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Colleen Fehrenbach
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Colleen Fehrenbach [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, July 21, 2017 5:36 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Colleen Fehrenbach
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Clinton Feil <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 4:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001). Extraction of this resource is unneeded. It should stay in the ground.

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials. In Oklahoma alone the sudden jump in earthquakes is cautionary.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

In this state, conservation of the resource, as well as the environment, must prevail over extraction.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Clinton Feil

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Sam Feinsmith [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:03 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sam Feinsmith
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Richard Feiss <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Richard Feiss



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rich Fennema <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Rich Fennema



Brown, Ronda

From: Joshua Ferguson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:56 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Joshua Ferguson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Judy Fenza <act@fwwatch.org>
Sent: Sunday, June 18, 2017 5:45 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Judy Fenza



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lisa Feriend <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lisa Feriend



Brown, Ronda

From: Karen Feridun [REDACTED]
Sent: Monday, June 26, 2017 10:22 PM
To: DNR.HFPublicComments
Subject: [External] Comment on HVHHF-000001
Attachments: Comment on Illinois Fracking Permit.docx

Dear Mr. Mankowski,

I am writing from Pennsylvania regarding HVHHF-000001, the Woolsey High Volume Fracking permit you are considering at present. Please take it from someone who lives in a state the world considers to be the negative role model on fracking that there is no conceivable benefit that would make fracking worth the devastation it causes. I have personally organized tours of the shale fields of Pennsylvania for media teams, political leaders, researchers, students, faith leaders, and others who want to see for themselves what fracking is doing to our state. I know people who have hosted visitors from more than 60 countries. What they have seen here has informed decisions to impose moratoria and bans more than once. In fact, officials from both New York to our north and Maryland to our south visited affected communities, turned on their heels, and imposed moratoria that have become bans in both states.

Pennsylvania is the subject of many of the more than 900 studies on fracking. When they're not specific to our state, then they often include data collected here. We have learned a lot since former governor Ed Rendell made the foolish decision to open the state to fracking. There were only six studies then. Although I think it is unforgivable that he didn't bother to commission a study before allowing the first well to go in, as New York did, he had almost no peer-reviewed research to rely on when making his decision. You have more than you could possibly need at this point. Fracking has already had profound effects on water quality, air quality, health, safety, quality of life, property values, economics, and the list goes on and on. We've learned a lot about fracking's impact on climate since the early days of fracking, too. And the unfolding climate catastrophe is making it clear to all sensible people that we need to listen to climate scientists who tell us to leave fossil fuels in the ground. Given that methane is 86 times more powerful a greenhouse gas than carbon dioxide is in the handful of years we have left to address climate change, any thoughts of commencing drilling anywhere on the planet are quite simply insane.

I could write a book on fracking. In fact, I was the advisor on the book *Fracking Pennsylvania* and have been involved in the writing of several other books and the making of some documentaries. I don't need to go into any additional detail here, though, because I know some that you are receiving all of the sources I would share from the wonderful people trying to protect their state, sources like the [Compendium](#) from Concerned Health Professionals of New York and Physicians for Social Responsibility. The best thing I can offer is an invitation to you and your colleagues to come to Pennsylvania and see for yourselves what you would be doing to your state by allowing fracking to commence.

By the way, in case you're wondering why it is that our own governors have allowed fracking to continue when it clearly makes such a grim impression on those who visit here, it's simple. Not one sitting governor of Pennsylvania has had the guts to visit an impacted community. That, in and of itself, speaks volumes.

Respectfully,

Karen Feridun

Founder, Berks Gas Truth

Co-Founder, Pennsylvanians Against Fracking

Steering Committee Member, Americans Against Fracking

Steering Committee Member, Stop the Frack Attack Network

[REDACTED]

[REDACTED]

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Josephine Ferorelli <act@fwwatch.org>
Sent: Monday, June 19, 2017 6:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Josephine Ferorelli



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Anthony Fernandez <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Anthony Fernandez



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Virginia Fett <act@fwwatch.org>
Sent: Monday, June 19, 2017 6:25 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Virginia Fett



Brown, Ronda

From: Carole Ferrill [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:33 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carole Ferrill
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jim Fialkowski [REDACTED]
Sent: Tuesday, June 20, 2017 1:43 PM
To: DNR.HFPublicComments
Subject: [External] RE: HVHHF-000001

Please reject HVHHF-00003 from Woolsey Operating Company, LLC., due to possible effect of operation on seismically unstable geology of southern Illinois.

Illinois does not need to join Arkansas, Missouri and other states in the increasing negative effects this extraction process creates. Any projected or theorized benefits of this operation are greatly outweighed by the possible losses to be expected by any appreciable increase in seismic activity, especially now when oil and gas commodity prices are historically low.

Thank you.

James Fialkowski
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of James Fialkowski <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. James Fialkowski



Brown, Ronda

From: Mariola Fiedorczuk [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:06 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mariola Fiedorczuk
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Dan Fiedler <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Dan Fiedler



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of craig figtree <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. craig figtree



Brown, Ronda

From: Craig Figtree [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:06 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Craig Figtree
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Anna Fillmore <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 7:30 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Anna Fillmore

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brook Finch <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Brook Finch



Brown, Ronda

From: Brook Finch [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:35 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Brook Finch
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Holly Fingerle [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Holly Fingerle
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Holly Fingerle [REDACTED]
Sent: Thursday, July 27, 2017 9:47 AM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF-000001)

Hello,

I am writing in reference to (HVHHF-000001) fracking in Illinois. I am strongly opposed to introducing fracking Woolsey High Volume Fracking permit application. My concerns include but are not limited to:

- Exceptionally large water withdrawals from groundwater resources are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption.
- Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
- Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
- Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected
- Failure to preserve topsoil and an inadequate storm water management plan
- Deficient surface and groundwater sampling

The Compendium of Scientific, Medical and Media Findings Demonstrating the Risks and Harms of Fracking, 4th Edition, now contains 924 citations on the risks and harms of fracking. 692 of those findings have been published since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. The Woolsey application fails to address the new findings and, on that basis alone, it should not be granted a fracking permit in the state of Illinois.

I strongly urge you deny permits for fracking in Illinois. The risk is too great. We need to protect our water supply.

Holly Fingerle
[REDACTED]

Sent from [Mail](#) for Windows 10

Brown, Ronda

From: Michael Finnigan [REDACTED]
Sent: Friday, July 28, 2017 10:44 AM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of The People's Lobby and Reclaim Chicago regarding the Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

The Woolsey application is woefully inadequate. There are overarching generalities and deficiencies in the initial application and supplemental information, not to mention problems where information was actually provided. The attached comments highlight areas of deficiency and concerning omissions in both the supplemental information and the original application.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking.

Woolsey should not be given a permit to engage in fracking in the state of Illinois -- Southern Illinoisans' water supplies, health, safety, and livelihoods are on the line.

This does not seem like a good idea.

Public Comments re: HVHHF #000001

Sincerely,

Michael Finnigan

[REDACTED]

[REDACTED]

Brown, Ronda

From: Holly Fingerle [REDACTED]
Sent: Thursday, July 27, 2017 10:01 AM
To: DNR.HFPublicComments
Subject: [External] HVVHF-000001

I am writing in reference to review number (HVVHF-000001).

In general, the Woolsey application is woefully lacking in data and information required by the General Assembly and the IDNR to protect public health and the environment. 2. From the information that IS provided, a number of concerns arise, including but not limited to: • Exceptionally large water withdrawals from groundwater resources are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption. • Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate. • Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection. • Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected • Failure to preserve topsoil and an inadequate storm water management plan • Deficient surface and groundwater sampling 3. The Compendium of Scientific, Medical and Media Findings Demonstrating the Risks and Harms of Fracking, 4th Edition, now contains 924 citations on the risks and harms of fracking. 692 of those findings have been published since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. The Woolsey application fails to address the new findings and, on that basis alone, it should not be granted a fracking permit in the state of Illinois.

Logan Fingerle
[REDACTED]

Sent from [Mail](#) for Windows 10

Brown, Ronda

From: Michael Finnigan [REDACTED]
Sent: Friday, July 28, 2017 10:52 AM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001
Attachments: Public Comments re HVHHF 000001.pdf

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of The People's Lobby and Reclaim Chicago regarding the Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

The Woolsey application is woefully inadequate. There are overarching generalities and deficiencies in the initial application and supplemental information, not to mention problems where information was actually provided. The attached comments highlight areas of deficiency and concerning omissions in both the supplemental information and the original application.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking.

Woolsey should not be given a permit to engage in fracking in the state of Illinois -- Southern Illinoisans' water supplies, health, safety, and livelihoods are on the line.

This does not seem like a good idea.

Public Comments re: HVHHF #000001

Sincerely,

Michael Finnigan

[REDACTED]

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Karen Fiorino <act@fwwatch.org>
Sent: Thursday, June 22, 2017 9:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

To add:

We live between the Wabash Valley and New Madrid Earthquake zones. I'm extremely concerned that the state is knowingly risking my family and our community and subjecting us to increase seismic activities for oil and gas extraction. I believe that granting this permit is negligent and willful abdication of sworn duty to fulfill the duties of the IL constitution, and protect the health, safety and welfare of all citizens of IL.

Since the law was passed in 2013, the EPA has concluded that oil and gas activities due contaminate water supplies, and the USGS has determined that injection wells are linked to increased seismicity, and that Health professional have concluded that oil and gas activities are directly correlated to increased health issues in communities where fracking is occurring.

1) EPA summary

https://www.epa.gov/sites/production/files/2016-12/documents/hfdwa_executive_summary.pdf

2) Recent research on Induced Seismicity

https://profile.usgs.gov/myscience/upload_folder/ci2015Jun0413502655600EllsworthTLE.pdf

https://profile.usgs.gov/myscience/upload_folder/ci2015Jun0414011055600HoughTLE.pdf

3) Health issues from unconventional gas and oil extraction The Compendium is a fully referenced compilation of the significant body of scientific, medical, and journalistic findings demonstrating risks and harms of fracking. Organized to be accessible to public officials, researchers, journalists, and the public at large, the Compendium succinctly summarizes key studies and other findings relevant to the ongoing public debate about unconventional methods of oil and gas extraction. <http://concernedhealthny.org/compendium/>

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Karen Fiorino



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lynne Firestone <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lynne Firestone



Brown, Ronda

From: Ivy Firestone [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:41 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ivy Firestone
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Virginia Fisk [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 4:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Virginia Fisk
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lynne Firestone [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:25 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lynne Firestone
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sienna Fitzpatrick <act@fwwatch.org>
Sent: Tuesday, June 27, 2017 5:09 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Sienna Fitzpatrick



Brown, Ronda

From: Julie Fitzgerald [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 8:03 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Julie Fitzgerald
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Krista Flanagan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:24 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Krista Flanagan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Krista Flanagan <act@fwwatch.org>
Sent: Thursday, June 22, 2017 6:45 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Krista Flanagan



Brown, Ronda

From: Marianne Flanagan [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 10:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marianne Flanagan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marianne Flanagan <act@fwwatch.org>
Sent: Sunday, June 18, 2017 1:15 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Marianne Flanagan



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Anne Flanz <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Anne Flanz



Brown, Ronda

From: Janice Flandreau [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Janice Flandreau
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Rodney Fletcher [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:53 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rodney Fletcher
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of SisterJoAnn Fleischaker, Op <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. SisterJoAnn Fleischaker, Op



Brown, Ronda

From: Celeste Flores [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:35 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Celeste Flores
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Celeste flores <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Celeste flores



Brown, Ronda

From: leah fluecke <info@actionnetwork.org>
Sent: Friday, June 23, 2017 2:09 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

leah fluecke

████████████████████
████████████████████
████████████████████

Brown, Ronda

From: yolanda flores [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:36 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

yolanda flores
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Stephanie Folk [REDACTED]
Sent: Tuesday, June 27, 2017 9:37 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Stephanie Folk
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kevin Flynn <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Kevin Flynn



Brown, Ronda

From: Mary Ford [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 1:55 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regard to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Ford
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: [REDACTED]
Sent: Saturday, May 27, 2017 8:54 PM
To: DNR.HFPublicComments
Subject: [External] Comment on HVHHF-000001

Gentlefolk,

I am writing to object to granting a permit for any type of hydraulic fracturing at this location. First of all, any spills or other leakages would affect both people and wildlife in this area. It is too close to Starved Rock and Matthiessen State Parks and the Midewin Tallgrass Prairie. I want to see the natural beauty of the area preserved for my children and grandchildren, and find it offensive that a company based in the state of Kansas (probably a Koch Industries subsidiary) should be allowed to drill in an area where they are not affected by earthquakes and sink hole damage that is an inevitable consequence of this permit.

Sincerely,

Patricia Ford Pint

[REDACTED]

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Cynthia Fore <act@fwwatch.org>
Sent: Monday, June 19, 2017 11:48 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Cynthia Fore



Brown, Ronda

From: Reba Ford [REDACTED]
Sent: Tuesday, June 27, 2017 8:27 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Reba Ford
[REDACTED]

Brown, Ronda

From: Jacqui Foster [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:35 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jacqui Foster
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Katherine Foreman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Katherine Foreman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Russell Foszcz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 9:31 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

Before I proceed I'd like to state that alternative energy technology is the future of our energy needs. There is no place in that plan for fracking. The enormous use of water used in the process, the toxic chemicals used for that process, and the resulting earthquakes that are a by-product of that process are all negative issues directed toward our environment.

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Russell Foszcz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sara Foszcz <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

In the 2017, it seems we would be happy to embrace everything that protects our planet - especially our precious water! It is a known fact that fracking has huge inherent risks and is dangerous for our water sources. Once our water is contaminated it destroys the planet and beings on land and in the water.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Sara Foszcz



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lisa Fowler-Kobylewski <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Lisa Fowler-Kobylewski



Brown, Ronda

From: Monique Fouant [REDACTED]
Sent: Friday, July 28, 2017 4:08 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001

HVHHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,

Monique M. Fouant

ONE Northside/Fair Economy Illinois

[REDACTED]

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHHF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

COMMENTS

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water -** Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHHF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated -** The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the “drilling objective” is the New Albany Shale but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.

5. **Failure to Clearly Identify the Confining Zone -** Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.

6. **Missing Data** - There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.

7. **Confusing Data**- The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.

8. **Inadequate Information**- Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.

9. **Missing Data**- Surface Training Pressure Range- This information is entirely missing.

10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. **Missing Data**-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHWF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of "Trade Secret."

Water Source Management Plan- Document 9

14. Failure to Propose Methods to Minimize Water Withdrawals One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for

groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of "reasonable use" of the state's groundwater and the regulatory requirement to "minimize water withdrawals as much as feasible" is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant's Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing

operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHWF water supply wells) and a surface water body (a stock pond). A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program.
(emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. Inadequate information on Fracturing Fluids- The Applicant's Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."

17. Unrealistic Rate of Flowback Recovery Proposed- The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. Inadequate Information on Storage Tanks- The application states that the storage tanks will meet the qualities for the "purpose built." There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. No Testing Plan for Flowback Water- This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. Use of Earthen Containment Berms- The plan states that the flowback storage tanks will be “enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume.” No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR’s numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. No Clarity for NORM Sampling to Undefined “Black Shale”- Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. Safety Considerations of the General Public- There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. The Containment Plan is completely inadequate. It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. Missing Information in the Casing and Cementing Plan- The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing

plan is completely inadequate to meet Illinois' regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. **Traffic Avoidance of the Wabash River-** The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. **Specification of Earthquake area or floodplain missing or inadequate-** The Department's form requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate-** The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ..."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan

29. **Inadequate Water Quality Monitoring Plan-** The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a

single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. Data Analysis Procedure Plan Inadequate- The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data Analysis Procedures." The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that "the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology." Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

31. Water Quality Monitoring Work Plan is not "independent"- The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. Lack of Clarification on "Black Shale" subject to sampling- As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase "black shale" is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the "black shale" that will be tested pursuant to this requirement.

33. Need to Clarify If Filters Will Be Used and Tested for Radioactivity.- One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. Insufficient bond- The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is “not in the interest of the applicant to overuse water in the HVHFF process” but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application’s Water Source Management Plan:* “the methods to be used to minimize water withdrawals as

much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHWF of from “4.4 to 5 million gallons per well.”

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois’ reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHFF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**

- Which is correct?
- Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
- Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the "Wheel Wash" they describe will be installed and monitored at the location named?

Section 2.10 "Control of Other Air Emissions": Under the heading "Appropriate emission", it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: "During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820."

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice

Page 1 of this section states: “If necessary, a public hearing is scheduled for the 02 day of August, 2017....”

Comments/Questions:

- Who determines if it is “necessary”?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Brown, Ronda

From: Linda Fox <info@actionnetwork.org>
Sent: Friday, June 23, 2017 12:51 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Linda Fox

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Josh Fox [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 2:20 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Josh Fox
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Patricia Fragen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Patricia Fragen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Tracy Fox [REDACTED]
Sent: Monday, June 26, 2017 2:55 PM
To: DNR.HFPublicComments
Subject: [External] test

Sorry for the inconvenience

Tracy Fox

Brown, Ronda

From: Don Francis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Thursday, June 29, 2017 9:22 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Don Francis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Casey Francis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:53 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Casey Francis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marzee Francis <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Marzee Francis



Brown, Ronda

From: Marlaire Francis [REDACTED]
Sent: Monday, June 26, 2017 8:20 PM
To: DNR.HFPublicComments
Subject: [External] HVVHF-000001

The Woolsey Application #HVHVF-00003 cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

1. Underground Freshwater Information- Document 4Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted- Section 245.210(a)(5) **requires** reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. **Woolsey has failed to provide this information.**

2. Inadequate Evidence to Establish the Lowest Potential Fresh Water - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

3. Failure to Propose Methods to Minimize Water Withdrawals One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVVHF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, *as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted.* Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. **This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization;** this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. THERE IS NONE!

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. **Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.**

Because of the failure to address any methods or alternatives to minimize its water usage, **the application must be denied for the failure to meet the requirements for Water Source Management Plans.** If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

4. Illinois State Geological Survey, Principal Engineering Geologist, Bob Bauer stated in an interview last week that southern Illinoisians rely on man-made reservoirs, ie. Rend Lake & Harrisberg as no aquifers exist in that area of the state. The Mahomet Aquifer Protection Alliance also supports this water issue in the state of Illinois. Maps are available on the ISGS site that clearly display water issues that create the concern about water in the White county area. Stream networks that carry surface water to larger streams and rivers in the Enfield area on the west flowing east toward the Little Wabash River are LOST CREEK, GOWDY CREEK, SEVENMILE CREEK to Bear Creek, and also Lick creek . These creeks cannot support the Woolsey high-volume dispersal of waters in disposal wells.

In general, the Woolsey application is woefully lacking in data and information required by the General Assembly and the IDNR to protect public health and the environment in southern Illinois..

Please submit my concerns to the attention of HF Hearing Officer Daniel Schuering.

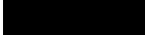
The public must depend on IDNR to protect its interests.

Marlaine Francis



Never doubt that a small group of thoughtful committed citizens can change the world.

Indeed it's the only thing that ever has." Margaret Mead



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rose Francis <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Rose Francis



Brown, Ronda

From: Patricia Francis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Patricia Francis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marzee Francis <act@fwwatch.org>
Sent: Monday, June 19, 2017 4:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Marzee Francis



Brown, Ronda

From: Susan Francis [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 12:00 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Francis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Andrea Frank [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Andrea Frank
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Michael Franck <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Michael Franck



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of JJ Frankel <act@fwwatch.org>
Sent: Saturday, June 17, 2017 12:19 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I most strongly urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

HUNDREDS of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. JJ Frankel



Brown, Ronda

From: Zack Frank [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:48 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Zack Frank
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Connie Frankenfeld <act@fwwatch.org>
Sent: Thursday, July 27, 2017 10:00 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

COMMENTS on HVHHF #000001: Supplemental Application Information

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Section 09: Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment:

Woolsey inadequately reports their plans and even intentions to monitor the volume of flowback water following injection to ensure that fugitive effluent is accounted for. Woolsey also inadequately represents the basis of their assumptions for necessary volume of flowback water storage.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment:

The threshold of feasibility is not defined, making it impossible for IDNR to determine whether methods for water withdrawal minimization were adequate or even considered by the applicant.

The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This usage directly competes with and over 275,000 acres of private, agricultural operations and animal operations bringing over \$9 million in revenue to the county.

No justification is given by the Applicant for the extreme volume of water proposed for use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Failure to address the extreme volume of water necessary for operations and to specify what minimization methods were used to determine the feasibility of sustained water usage against vulnerable users in the region presents a failure of the Water Source Management Plans.

Section 12: Casing & Cementing Plan

Section 12, Page 2: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions:

- Will IDNR ensure that inspectors are present at all settings and cementings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 12, Page 2: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions:

- Will IDNR ensure that inspectors are present for all said testing?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the BOP fail?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the BOP was successfully tested?

Section 12, Page 2 & Page 3: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR ensure that inspectors are present at all testings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the testing fail?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

I look forward to receiving your reply to these important questions before such a time as the permit is approved by the IDNR.

Sincerely,

Mrs. Connie Frankenfeld



Brown, Ronda

From: myrna frankel [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:23 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

myrna frankel
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Laura Fransen <act@fwwatch.org>
Sent: Tuesday, June 27, 2017 11:09 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

PLEASE!

Stop the unmitigated greed that is destroying our beautiful earth. We should all be putting more effort into eco friendly options. Solar.

Wind. We KNOW what the dark side of fracking looks like, and we don't want it in Illinois!

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Sincerely,

Laura Fransen


Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Laura Fransen


Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jill Franklin <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jill Franklin



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sandra Franz <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sandra Franz



Brown, Ronda

From: Brandi Frantz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 12:21 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Brandi Frantz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brynn Freed <act@fwwatch.org>
Sent: Thursday, June 22, 2017 4:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Brynn Freed



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jessica Frasca <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jessica Frasca



Brown, Ronda

From: Janine Freedlund [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 12:04 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Janine Freedlund
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Janine Freedlund [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:53 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Janine Freedlund
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lisanne Freese [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:46 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

My comments pertain to the application from Woolsey Operating Company for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), Review Number HVHHF-000001.

The people of Illinois do NOT want fracking. Woolsey Energy owned and operated the frack well that exploded in January 2014. A lawsuit by the injured party is still in process. Woolsey does not have a safe track record.

The proposed well (Woodrow #1H-310408-193) in White County, Illinois endangers the health and safety of the community through risk of water contamination, air pollution, and earthquakes - all lead to long term health effects - by extracting and burning more dirty fossil fuels.

Illinois needs a solar and geothermal program instead that would put out of work Illinoisans back on the payroll.

Woolsey's application lacks data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA designed to protect public health and the environment, and cannot be approved as submitted.

My concerns:

The application requests exceptionally large water withdrawals from groundwater resources susceptible to depletion and fails to include plans to recycle water or otherwise minimize water consumption.

The application significantly underestimates flowback volumes, and has inadequate containment facilities for the amount of flowback and other chemicals/wastes the application estimates.

The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.

The application has inadequate insurance for the well; excluding the types of damages to private property that should be protected.

Operations described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.

The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Illinois DNR should protect our health and environment by rejecting Woolsey's inadequate permit application.

Sincerely,

Lisanne Freese
[REDACTED]



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: carol freeman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Thursday, July 20, 2017 10:58 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

carol freeman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Aletha Frei [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, July 14, 2017 4:16 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Aletha Frei
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Marilyn Freese [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marilyn Freese
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Craig Freise <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Craig Freise



Brown, Ronda

From: Aletha Frei [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Aletha Frei
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lisa Fremont [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:16 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lisa Fremont
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Deb Frels [REDACTED]
Sent: Friday, June 02, 2017 10:37 AM
To: DNR.HFPublicComments
Subject: [External] Fracking?

Seriously?!?

What havent you seen in OK as a result of fracking? Are you blind and deaf? Putting toxic liquid in the earth all for some oil?

What is wrong with you? Deatroying the earth for your greed?

You should be ashamed

Selling off the land which could have been used for the your Children instead pollute it so NO one can use it.

Woe be to you

Deb Frels

Brown, Ronda

From: Sarah French [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 10:54 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

I have seen first hand the effects of fracking in Oklahoma and the overwhelming uptick in both the number and strength of earthquakes resulted in damage to the foundation of my home. We too are on a fault line and the same damages could occur here in Illinois. Please do not cause this to happen.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sarah French
[REDACTED]



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Judith French [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:13 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Judith French
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Staci Frens [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:15 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Staci Frens
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Pamela Frendreis <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Pamela Frendreis



Brown, Ronda

From: Dawn Frenzel <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 5:33 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Dawn Frenzel

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Stacia Frens <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Stacia Frens



Brown, Ronda

From: Elaine Frick [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 4:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Elaine Frick
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lawrence Frey [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:37 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of specific concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

In addition there are overall general concerns regarding this relatively new practice that has not been fully documented or researched. Do NOT ignore the issues that other states, that have allowed fracking, have been exposed to, including PA, OK.

Oklahoma, for example has experienced a large increase in earthquakes, including sizable ones, that the state was not prepared for. Residents are stuck with the damage that neither insurance, state or companies will assist with. The state has acknowledged the relationship between fracking and quakes, after a legal suit, by requesting an activity reduction that immediately reduced quakes.

Pennsylvania has experienced water pollution.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lawrence Frey
[REDACTED]



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Heather Friedli <act@fwwatch.org>
Sent: Sunday, June 18, 2017 10:46 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Stop raping the earth.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Heather Friedli

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Louise Friedenson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:10 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Louise Friedenson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: mefk19 [REDACTED]
Sent: Wednesday, July 26, 2017 1:31 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 comment

HVHHF #1, White County
IDNR Review Number HVHHF #000001
Applicant: Woolsey Operating Company, LLC, a Kansas limited liability corporation

To Whom It May Concern

I write with grave and urgent concern over Woolsey's operating permit and the dangerous lack of detail concerning radioactive materials. Neither the Radioactive Materials Management Plan nor the Site Safety & Health Plan provides any specific details regarding how radioactive materials above normal background levels—or above any level—will be managed, transported or disposed of any differently than any other materials. The application cannot possibly be in compliance with § 245.210 (b)(7) and there is zero basis for concluding that public health will be adequately safeguarded if this permit is approved.

Sincerely,
Maryellen Friedman

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Annabelle Friedman <act@fwwatch.org>
Sent: Sunday, June 18, 2017 2:23 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Annabelle Friedman



Brown, Ronda

From: Hannah Frisch [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 10:08 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Hannah Frisch
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: mefk19 [REDACTED]
Sent: Thursday, July 27, 2017 10:22 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 comment

To Whom It May Concern,

The site of the proposed Woolsey fracking operation lies within the Wabash Valley Seismic Zone and close to the New Madrid Fault Zone, increasing the risk of earthquakes and subjects residents to additional risks of pollution and contamination of air, water, and soil, and destruction of property at great cost to the community.

We all know the state of Illinois is not financially equipped to handle such a disaster.

DNR's regulations require extra precautions to protect the fracking operation's plans for fluids and flowback, well site safety, containment, and casing and cementing, when the proposed well is within or very near an area identified as seismic. Woolsey has not outlined such precautions in it's plan.

Much more study and planning needs to be taken before Woolsey's operation is suitable to meet public safety standards.

Sincerely,
Maryellen Friedman

Brown, Ronda

From: Meaghan Fritz [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 2:55 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Meaghan Fritz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Carol Frischman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:58 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carol Frischman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Barbara Fry <act@fwwatch.org>
Sent: Saturday, June 17, 2017 5:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Barbara Fry



Brown, Ronda

From: Erin E Fry [REDACTED]
Sent: Thursday, July 27, 2017 10:32 AM
To: DNR.HFPublicComments
Subject: [External] Ban Fracking in Illinois HVHHF-000001

To whom it may concern,

I am writing regarding Woolsey high volume fracking permit and review HVHHF-000001. As an Illinois resident, I implore you to oppose this particular fracking proposal and more broadly, any others in the state of Illinois.

The Woolsey proposal lacks information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied. Additionally, the proposal does not include methods to minimize water withdrawal. Carrying out the project will, therefore, lead to lower water table levels and a depletion of fresh and safe drinking water in the state.

Please deny Woolsey's permit, and also work with the state to instead promote the construction of truly renewable energy sources that will create jobs for residents of Illinois while keeping our water clean.

Sincerely,
Erin Fry

--

Erin E. Fry

University of Chicago | M.S. & PhD Candidate in Human Genetics
University of Rochester '14 | B.S. Molecular Genetics, Italian minor
Founder and Director of UChicago GreenLabs (www.UChicagoGreenLabs.com)

Brown, Ronda

From: Richard Frye <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 1:34 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

We do not need or want this. It is time to move into the future with renewable energy.

Richard Frye

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Erin Fry [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:57 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Erin Fry
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Tracy Fujihara <act@fwwatch.org>
Sent: Monday, June 19, 2017 9:24 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Tracy Fujihara



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jessica Fujan <act@fwwatch.org>
Sent: Wednesday, July 26, 2017 3:27 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

S on HVHHF #000001: Supplemental Application Information

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey inadequately reports their plans and even intentions to monitor the volume of flowback water following injection to ensure that fugitive effluent is accounted for.

Woolsey also inadequately represents the basis of their assumptions for necessary volume of flowback water storage.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment:

The threshold of feasibility is not defined, making it impossible for IDNR to determine whether methods for water withdrawal minimization were adequate or even considered by the applicant.

The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This usage directly competes with and over 275,000 acres of private, agricultural operations and animal operations bringing over \$9 million in revenue to the county.

No justification is given by the Applicant for the extreme volume of water proposed for use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Failure to address the extreme volume of water necessary for operations and to specify what minimization methods were used to determine the feasibility of sustained water usage against vulnerable users in the region presents a failure of the Water Source Management Plans.

Section 11 Well Site Safety Plan

Section 12: Casing & Cementing Plan

Section 12, Page 2: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR ensure that inspectors are present at all settings and cementings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date.
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 12, Page 2: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions

- Will IDNR ensure that inspectors are present for all said testing?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the BOP fail.
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the BOP was successfully tested?

Section 12, Page 2 & Page 3: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR ensure that inspectors are present at all testings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the testing fail?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date.
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

I look forward to receiving your reply to these important questions before such a time as the permit is approved by the IDNR.

Sincerely,

Ms. Jessica Fujan



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of S Fuller <act@fwwatch.org>
Sent: Saturday, June 17, 2017 12:12 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. S Fuller



Brown, Ronda

From: Antonio Fuller [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 11:28 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Antonio Fuller
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jim Furr [REDACTED]
Sent: Thursday, July 27, 2017 10:09 AM
To: DNR.HFPublicComments
Subject: [External] Stop Fracking - Review Number (HVHHF-000001)

Hello -

I am totally against fracking - it poisons the air and water. I am also against anything getting dumped into our lakes.

I am a registered voter in Chicago:

Jim Furr
[REDACTED]

Review Number (HVHHF-000001)

Brown, Ronda

From: Michael Fumarolo [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:35 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Michael Fumarolo
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rosemary Fust <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

As a resident of Illinois, I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials. Look at what is happening in places like Pennsylvania (contaminated drinking water) and Oklahoma (earthquakes), to name just two.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Rosemary Fust



Brown, Ronda

From: Jane Furrh [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:04 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jane Furrh
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Carolene Gabrail [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 7:29 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carolene Gabrail
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of M G <act@fwwatch.org>
Sent: Wednesday, June 21, 2017 3:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. M G



Brown, Ronda

From: Jeffrey Gahris [REDACTED]
Sent: Tuesday, June 27, 2017 9:52 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff, I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below. The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to: 1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption. 2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate. 3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection. 4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected. 5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate. 6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment. Thank you for considering my comments.

Jeffrey Gahris
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of claudio gaete <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. claudio gaete



Brown, Ronda

From: Mary Ann Gajda [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 3:28 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Ann Gajda
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Wendy Galczak [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:56 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Wendy Galczak
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Gail Galivan <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 11:52 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Have mercy ! please!

Gail Galivan

[REDACTED]

[REDACTED]

[REDACTED]

Brown, Ronda

From: Gail Galivan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 12:07 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Gail Galivan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Heidi Garbe [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:50 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Heidi Garbe
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Susan Gallagher <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Susan Gallagher



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Philip Garbe <act@fwwatch.org>
Sent: Saturday, June 24, 2017 11:19 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

I would ask you to take time to talk to the people in Pennsylvania and Oklahoma who are affected by fracking and not take the word of the fracking companies. Any studies by the fracking companies will be, I'm afraid, slanted toward safety because of the money involved.

Also, fracking, I am afraid, will affect the geological subsurfaces which will result in earthquakes. Please visit southern Ohio, and Oklahoma. Not the governments themselves, but the people affected by the aforementioned earthquakes.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Philip Garbe



Brown, Ronda

From: Bob Garcia [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:08 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bob Garcia
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Elizabeth Gardham <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Elizabeth Gardham



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Paula Garcia <act@fwwatch.org>
Sent: Sunday, June 25, 2017 9:52 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Paula Garcia



Brown, Ronda

From: Elizabeth Gardham [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 7:26 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Elizabeth Gardham
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Linda Gardner Phillips [REDACTED]
Sent: Friday, June 02, 2017 11:11 PM
To: DNR.HFPublicComments
Subject: [External] Say NO to fracking in Illinois

Say NO to fracking in Illinois. DENY PERMIT REQUEST: HVHHF-000001
Say NO to fracking in White County Say NO to Woodrow No. 1H-310408-193

Linda Gardner Phillips
[REDACTED]

Deerpath Farm Conservation Community
Build your home in nature's neighborhood
<http://www.deerpathfarm.com>

Brown, Ronda

From: Dawn Gargano [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:31 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing to you in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues.

The Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dawn Gargano
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ezra Garfield [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 11:32 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ezra Garfield
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Sheilah Garland [REDACTED]
Sent: Friday, July 28, 2017 1:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments RE: HVHHF #000001
Attachments: Public Comments re HVHHF 000001.pdf

resending

From: Sheilah Garland
Sent: Friday, July 28, 2017 10:33 AM
To: 'DNR.'
Subject: Public Comments RE: HVHHF #000001

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of The People's Lobby and Reclaim Chicago regarding the Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

The Woolsey application is woefully inadequate. There are overarching generalities and deficiencies in the initial application and supplemental information, not to mention problems where information was actually provided. The attached comments highlight areas of deficiency and concerning omissions in both the supplemental information and the original application.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking.

Woolsey should not be given a permit to engage in fracking in the state of Illinois -- Southern Illinoisans' water supplies, health, safety, and livelihoods are on the line.

I am particularly concerned with the public health impacts fracturing will have on the workers, healthcare providers caring for injured or exposed workers to some of the chemicals used in fracturing as well those that are labeled "Trade Secret." Also of deep concern is the impact of the inadequate information with respect to the impact of fracturing on fresh ground water. Again, for these reasons and more, Woolsey's application for a permit must be denied.

Sincerely,

Sheilah Garland-Olaniran, Chicago, IL

Brown, Ronda

From: Kathleen Garibaldi [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 2:37 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kathleen Garibaldi
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Timothy Garrison <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:06 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Timothy Garrison

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Karen Garrett [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 8:54 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karen Garrett
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ellen Garza [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:33 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ellen Garza
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lauree Garvin [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:57 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lauree Garvin
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Suzanne Gaspar <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Our state already has way too many issues it cannot handle, please do NOT add another one.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Suzanne Gaspar



Brown, Ronda

From: Juanita [REDACTED]
Sent: Wednesday, June 28, 2017 1:02 AM
To: DNR.HFPublicComments
Subject: [External] Regarding Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

I am writing to urge IDNR to **deny the Woolsey HVHHF #000001 application** for the following reasons:

Directional Drilling Plan - The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted, Section 245.210(a)(5) of HFRA requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will **not be contaminated**. Woolsey has failed to provide this information.

HVHHF Operations Plan:

1. *Failure to Clearly Identify Formation to be Stimulated* - The **permit fails to clearly identify the formation** that will be stimulated or fracked by the operation other than to state that the "drilling objective" is the New Albany Shale, but later refers to the "objective" being the "Grassy Creek" shale and, later still, describes the "reservoir zone", and the Semier Shale as the "frac barrier." These terms are not synonymous and therefore both confusing and inadequate.
2. *Failure to Clearly Identify the Confining Zone* - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the "confining zone" for the proposed well. The **application fails to meet this requirement**. In fact, it fails to use this term at all in its application.
3. *Missing Data* - There is no information, data, or calculations supplied on either a micro-seismic study or the "historic" use to support whether the identification of the "frac barriers" is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or "frac barrier" and the **Application is therefore inadequate and must be denied**.
4. *Confusing Data*- The Role of the Selmier Shale is listed as both a "drilling objective" and a "frac barrier" (confining zone?) in the application. It cannot serve two purposes. **It is either a drilling objective or a confining zone**.
5. **Inadequate Information**- Fracturing Pressure - The fracturing pressure of the "producing zone" is given as 2,875 psi. Yet **three separate formations are mentioned as "drilling objectives"**. The same psi for all three would not be used.
6. **Missing Data** - Surface Training Pressure Range. This information is **entirely missing**.
7. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the

susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide, fails to articulate a conclusion that the well plans are adequate and effective. **On this basis alone, the permit should be denied.**

8. Missing Data - No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.
9. Data on Trans Missive Faults Lacking - The potential for trans missive faults contiguous to HVHWF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, **no specific information or reliable analysis on this important feature is provided** in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Plan - The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Prop Pant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on "Composition/Information on Ingredients" lists ten constituent chemicals.

The four chemicals in Cronox AK-50 **that Applicant fails to identify** in its Chemical and Prop Pant List are:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number **concealed** on the Safety Data Sheet for the stated reason of "Trade Secret."

Water Source Management Plan - Failure to Propose Methods to Minimize Water Withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that **an applicant must specify** in the Application's Water Source Management Plan: **"the methods to be used to minimize water withdrawals** as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that **reasonable use does not include water used "wastefully,"** 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVVHF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. **Illinois has already had two significant droughts in the last 10 years.** The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest. **The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation.** Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Because of the failure to address any methods or alternatives to minimize its water usage, **the application must be denied for the failure to meet the requirements** for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Inadequate information on Fracturing Fluids - The Applicant's Hydraulic Fracturing Fluids and Flow Back Plan contains barely a full page of information and **either completely neglects or is patently vague on numerous items** of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flow back. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."

Unrealistic Rate of Flow Back Recovery Proposed - The application states an anticipated 4-5,000 barrels of flow back will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flow back highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. **Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.**

Inadequate Information on Storage Tanks - The application states that the storage tanks will meet the qualities for the "purpose built." There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

No Testing Plan for Flow Back Water - **This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.**

Use of Earthen Containment Berms - The plan states that the flow back storage tanks will be "enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume." No information is provided regarding the engineering properties or layout of these earthen berms. **Earthen berms are inadequate for site containment.** And, as identified in previous comments, if the flow back calculation is closer to Ohio DNR's numbers, the storage proposed will be completely inadequate.

No Clarity for NORM Sampling to Undefined "Black Shale" - Section 3.2.10 of the Well Site Safety Plan addresses Naturally Occurring Radioactive Material ("NORM"). This section limits the drill cuttings to be tested for radioactivity to "black shale." Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the "black shale" subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be "black shale," in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

Safety Considerations of the General Public - There is virtually no consideration given to the safety of members of the general public that may be in the site's vicinity. **This is unacceptable and a permit should be denied on this basis.**

Containment Plan is **completely inadequate**. It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the "earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flow back.

Missing Information in the Casing and Cementing Plan - The casing and cementing plan does not address the requirements labeled, regarding the potential for earthquakes. **The application is therefore incomplete and must either be amended by the applicant or denied by IDNR.** Furthermore, the casing and cementing plan is completely inadequate to meet Illinois' regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan - The **application plan fails to address the need to avoid road traffic of hazardous materials** in proximity to the Wabash River, a public water supply source.

Proof of Insurance - The **Certificate of insurance is insufficient to meet the requirements set by the HFRA and should be denied on that basis.**

Failure to Specify Earthquake or Floodplain Hazard - Specification of Earthquake area or flood plain is missing and inadequate. The Department's form requires the applicant to identify whether the insured well site location is in a defined earthquake area or a regulatory floodplain. **The Application meets neither requirement.**

Topsoil Preservation Plan is Inadequate - The Department's form requires that the Topsoil Preservation Plan **MUST** be provided with "detail." No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that IS provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan - The **applicant plan is completely inadequate in addressing everything required** for in the HFRA. For example, the applicant's monitoring plan does not

identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

Data Analysis Procedure Plan Inadequate - The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data Analysis Procedures." The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete, and must be denied.

Water Quality Monitoring Work Plan - This plan calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity for many years into the future. This plan also states Shawnee Professional Services will collect water samples to establish baseline measurements. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests.

Radioactive Materials Management - Lack of Clarification on "Black Shale" subject to sampling. As stated in the previous comments under the Well Site Safety Plan, the phrase "black shale" is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the "black shale" that will be tested pursuant to this requirement.

Need to Clarify If Filters Will Be Used and Tested for Radioactivity - One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Insufficient Bond - The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with:

"ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT."

The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Please Help Us Save Our Environment!!

***Have a Great Day,
Juanita Palkovics***

Brown, Ronda

From: Marcia Gatens [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 26, 2017 4:35 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marcia Gatens
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: James Gass [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

James Gass
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mike Gatton [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 7:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mike Gatton
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mary Gathman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 4:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

There is some evidence that fracking can trigger earthquakes, and we are near a fault line that scientists say is overdue for a quake, probably serious. Also, you know that fracking pollutes water and will have an effect on our population, possibly some distance away. These consequences are unacceptable.

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Gathman
[REDACTED]



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Renee Gauri [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Renee Gauri
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of David Gaumer <act@fwwatch.org>
Sent: Saturday, June 17, 2017 8:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. David Gaumer



Brown, Ronda

From: Karen Geahlen [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:14 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karen Geahlen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Matt Geer <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Matt Geer



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rick Gehrenbeck <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Rick Gehrenbeck



Brown, Ronda

From: Anne Gegg [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:55 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Anne Gegg
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Deb Geiget [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 1:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Deb Geiget
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Cheryl Geiger <act@fwwatch.org>
Sent: Sunday, June 25, 2017 8:51 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Cheryl Geiger



Brown, Ronda

From: [REDACTED] on behalf of Hannah Gelder [REDACTED]
Sent: Friday, July 28, 2017 8:20 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001

HVHHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,

Hannah Gelder

ONE Northside/Fair Economy Illinois

[REDACTED]

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHFF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

COMMENTS

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water** - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHFF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated** - The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the “drilling objective” is the New Albany Shale but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.

5. **Failure to Clearly Identify the Confining Zone** - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.

6. **Missing Data** - There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.

7. **Confusing Data-** The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.
8. **Inadequate Information-** Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.
9. **Missing Data-** Surface Training Pressure Range- This information is entirely missing.
10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.
11. **Missing Data-**No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.
12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHFF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

Water Source Management Plan- Document 9

14. Failure to Propose Methods to Minimize Water Withdrawals One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHFF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a

basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant’s Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant’s Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHWF water supply wells) and a surface water body (a stock pond). *A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program.* (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. **Inadequate information on Fracturing Fluids-** The Applicant’s Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department’s form regarding fracturing fluid is provided as the only information stated in the Applicant’s plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on “injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail.”

17. Unrealistic Rate of Flowback Recovery Proposed- The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. Inadequate Information on Storage Tanks- The application states that the storage tanks will meet the qualities for the “purpose built.” There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. No Testing Plan for Flowback Water- This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. Use of Earthen Containment Berms- The plan states that the flowback storage tanks will be “enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume.” No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR’s numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. No Clarity for NORM Sampling to Undefined “Black Shale”- Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. Safety Considerations of the General Public- There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. The Containment Plan is completely inadequate. It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. **Missing Information in the Casing and Cementing Plan-** The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois' regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. **Traffic Avoidance of the Wabash River-** The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. **Specification of Earthquake area or floodplain missing or inadequate-** The Department's form requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate-** The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ..."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan

29. **Inadequate Water Quality Monitoring Plan-** The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. **Data Analysis Procedure Plan Inadequate-** The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled

“Data Analysis Procedures.” The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that “the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology.” Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

31. Water Quality Monitoring Work Plan is not “independent”- The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. Lack of Clarification on “Black Shale” subject to sampling- As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase “black shale” is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the “black shale” that will be tested pursuant to this requirement.

33. Need to Clarify If Filters Will Be Used and Tested for Radioactivity.- One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. Insufficient bond- The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is “not in the interest of the applicant to overuse water in the HVHFF process” but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application’s Water Source Management Plan*: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHFF of from “4.4 to 5 million gallons per well.”

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHFF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**
 - Which is correct?
 - Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
 - Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the “Wheel Wash” they describe will be installed and monitored at the location named?

Section 2.10 “Control of Other Air Emissions”: Under the heading “Appropriate emission”, it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: “During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820.”

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: “Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal” (sic). “Prior to testing the BOP, IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: “Prior to testing the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice

Page 1 of this section states: “If necessary, a public hearing is scheduled for the 02 day of August, 2017....”

Comments/Questions:

- Who determines if it is “necessary”?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

--

Hannah Gelder, Senior Organizer
ONE Northside

[REDACTED]

[REDACTED]

Brown, Ronda

From: Cynthia Geishecker [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:33 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cynthia Geishecker
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Barb Gelman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:55 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Barb Gelman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Gelder, MPH <act@fwwatch.org>
Sent: Monday, June 19, 2017 2:55 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

In particular, a major report from the US EPA in 2015 (available here: <https://cfpub.epa.gov/ncea/hfstudy/recordisplay.cfm?deid=244651>) states that, "From our assessment, we conclude there are above and below ground mechanisms by which hydraulic fracturing activities have the potential to impact drinking water resources. These mechanisms include water withdrawals in times of, or in areas with, low water availability; spills of hydraulic fracturing fluids and produced water; fracturing directly into underground drinking water resources; below ground migration of liquids and gases; and inadequate treatment and discharge of wastewater."

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Besides the risk to water and air, the release of methane into the atmosphere through fracking exacerbates climate change, with global repercussions to human health and economic stability.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mary Gelder, MPH



Brown, Ronda

From: Judy Genandt [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Judy Genandt
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Judy Genandt <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Judy Genandt



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bob Gendron <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Bob Gendron



Brown, Ronda

From: Bob Gendron [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bob Gendron
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Randy Genna [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:42 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Randy Genna
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Allyson Genger <act@fwwatch.org>
Sent: Monday, June 19, 2017 10:25 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Allyson Genger



Brown, Ronda

From: Danielle Gensburg [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 5:55 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Danielle Gensburg
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Danielle Gensburg [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 5:15 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Danielle Gensburg
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ira Gerard <act@fwwatch.org>
Sent: Saturday, June 17, 2017 2:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

We should be moving away from using fossil fuels to something way more sustainable and environmentally friendly. How is this any good for our lovely state?

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Ira Gerard

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of N Genson <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. N Genson



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marirose Germick <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Marirose Germick



Brown, Ronda

From: Cecilia Gerber [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 8:39 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cecilia Gerber
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: lillian gestes [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:58 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment. also what happens to the underground after u r finish sucking it dry. cave in?

Sincerely,

lillian gestes
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Wally Gervas [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Wally Gervas
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Becky Gibbons <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Becky Gibbons



Brown, Ronda

From: Lowell Getz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:33 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lowell Getz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: James Gibbs [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:02 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

James Gibbs
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: James Gibbs [REDACTED]
Sent: Thursday, July 27, 2017 10:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001
Attachments: Public Comments re HVHHF 000001.pdf

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of the Chicago Area Peace Action's climate group and The People's Lobby regarding the Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

The Woolsey application should be rejected. In addition to generalities and deficiencies in the initial application and supplemental information, there are problems where information was actually provided. The attached comments highlight areas of deficiency and concerning omissions in both the supplemental information and the original application.

Woolsey's inability to fully address safety and environmental concerns in their application and supplement raises concern that they are capable and willing to adhere to the Hydraulic Fracturing Regulatory Act (HFRA).

Woolsey should not be given a permit to engage in fracking in the state of Illinois -- Southern Illinoisans' water supplies, health, safety, and livelihoods are on the line.

Sincerely,

James Gibbs
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Roberta Giblin <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Roberta Giblin



Brown, Ronda

From: James Gibbs <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 7:23 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

James Gibbs

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Maureen Gibson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 11:02 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Maureen Gibson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dylan Gibson [REDACTED]
Sent: Monday, June 26, 2017 5:03 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHFF Review #: 000001

Illinois Department of Natural Resources Oil and Gas Regulatory Staff,

I am writing to input a public comment concerning Woolsey Operating Company LLC's high volume horizontal hydraulic fracturing permit application, review number HVHFF-000001.

I have been a resident of Jackson County, Illinois for my entire life, and though I live a few counties away from the proposed well, the possibility of high volume horizontal hydraulic fracturing (commonly know as "fracking") beginning anywhere in Illinois raises many strong concerns for me and therefore I highly implore the IDNR to deny Woolsey's permit application. I will briefly state my reasoning.

Firstly, we are in a time right now where we must be doing everything possible to mitigate the problem of climate change. Studies have shown that the vast majority of known fossil fuel reserves must remain in the ground in order to avoid greenhouse gas emissions that would push global temperatures beyond the two degree Celsius limit above per-industrial levels internationally recognized as the maximum we should allow global warming to progress to avoid the worst effects of climate change. With President Trump's recent announcement of his intent to pull the United States out of the Paris Climate Agreement, it is more important than ever that states take on the responsibility themselves of continuing the goals agreed upon by over 190 other countries to limit climate change. Burning natural gas and oil obtained by fracking are potent drivers of climate change. This is especially true when leaks of methane (a gas with some 80 times greater global warming potential than CO₂ over a 20 year period) in the natural gas production process are accounted for.

The second reason is the multitude of localized environmental risks associated with fracking. This includes the proven risks of air pollution and water contamination, which endanger both human health and ecosystem and wildlife health. This also includes the proven link between fracking wastewater disposal and earthquakes. This has been seen in Oklahoma and other areas in the Midwest, and with Southern Illinois touching two seismic zones, the New Madrid and Wabash Valley seismic zones, Southern Illinois could face high danger of something similar occurring if fracking takes off here.

While the risks and negative effects I've stated could end up being minimal or may not occur by just allowing fracking at this one well, significant dangers still exist and allowing this company to go forward with it could set a precedent that would give way to many more companies applying for permits and fracking finally taking off in Illinois. This permit application should be denied out of principle, whether or not it meets the requirements of Illinois's fracking rules, because it represents a serious threat to the people and environment of White County as well the people and environment of Illinois and beyond. The ability of people to live healthy, safe lives is a constitutional right and fracking should be treated as a legitimate danger to this principle.

Once again, I highly implore that the IDNR do it's duty in protecting the people and environment of Illinois by denying this application permit. Illinois's future lies in a prospering green energy economy, not one stuck in the past of dirty fossil fuel use.

Sincerely,

Dylan Gibson



Brown, Ronda

From: Teri Gidwitz <info@actionnetwork.org>
Sent: Friday, June 23, 2017 4:23 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Teri Gidwitz

[Redacted signature block]

Brown, Ronda

From: Albert Gieseeman Jr [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 10:21 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

NO Fracking in Illinois - not necessary!

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Albert Gieseeman Jr
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Katie Gilbert <info@actionnetwork.org>
Sent: Friday, June 23, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Katie Gilbert

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Jennifer Gilbert [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 5:38 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jennifer Gilbert
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Katrina Gill <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Katrina Gill



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brenda Gill <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Brenda Gill



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Germain Giner <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Germain Giner



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Barry Gilstrap <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Barry Gilstrap



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Gene Ginter <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do Not Allow Fracking in Illinois!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Gene Ginter



Brown, Ronda

From: Joseph Ginger [REDACTED]
Sent: Monday, June 26, 2017 6:31 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Joseph Ginger
[REDACTED]

Brown, Ronda

From: Diane Gioe [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Fracking is bad news for everyone except the company making money off of it. It ruins water, air and natural beauty. The companies know that, and they keep as much of the process as possible a secret. Please don't allow fracking in Illinois.

Sincerely,

Diane Gioe
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diane Gioe <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

I am also concerned about the possibility of earthquakes due to the fracking waste being stored underground.

Fracking is just bad all around. Let's keep Illinois free of it.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Diane Gioe



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Jane Glasker <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Mary Jane Glasker



Brown, Ronda

From: Richard Giovanoni [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:55 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Richard Giovanoni
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jacqueline Glass [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:23 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jacqueline Glass
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Elizabeth Glass [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 4:24 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Elizabeth Glass
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Danelle Glassburg [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Danelle Glassburg
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Glass <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Let's keep the people of Illinois safe.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Glass



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Debra Gleason <act@fwwatch.org>
Sent: Wednesday, June 21, 2017 11:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Debra Gleason



Brown, Ronda

From: Adele Gleason [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 6:54 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Adele Gleason
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Rachel Glick [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 12:17 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

We want 100% clean energy in Illinois and never want dangerous fracking here!

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rachel Glick
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Debra Gleason [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 30, 2017 8:43 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Debra Gleason
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Brian Glienke [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 9:42 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Brian Glienke
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Janet Glidden [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 4:16 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Janet Glidden
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Dave Gliva <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Dave Gliva



Brown, Ronda

From: Stephen Gliva [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Sincerely,

Stephen Gliva
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jill Gloger <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins. Plus newsflash!!!! You pieces of crap have children.

Dont you care about anything besides yourselves?

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Jill Gloger



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Patrick Gloeckle <act@fwwatch.org>
Sent: Monday, June 26, 2017 11:54 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Patrick Gloeckle



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Richard Glogowski <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 10:20 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Richard Glogowski



Brown, Ronda

From: Carol Gloor [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:24 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carol Gloor
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ellen Glover [REDACTED]
Sent: Friday, July 28, 2017 3:52 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001

HVHHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,

Ellen Glover

ONE Northside/Fair Economy Illinois
[REDACTED]

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHFF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

COMMENTS

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water** - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHFF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated** - The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the “drilling objective” is the New Albany Shale but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.

5. **Failure to Clearly Identify the Confining Zone** - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.

6. **Missing Data** - There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.

7. **Confusing Data-** The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.
8. **Inadequate Information-** Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.
9. **Missing Data-** Surface Training Pressure Range- This information is entirely missing.
10. **No information on the Vertical Propagation of Fractures -** One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.
11. **Missing Data-**No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.
12. **Data on Transmissive Faults Lacking -** The potential for transmissive faults contiguous to HVHFF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

Water Source Management Plan- Document 9

14. Failure to Propose Methods to Minimize Water Withdrawals One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHFF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a

basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant’s Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant’s Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHHF water supply wells) and a surface water body (a stock pond). *A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program.* (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. **Inadequate information on Fracturing Fluids-** The Applicant’s Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department’s form regarding fracturing fluid is provided as the only information stated in the Applicant’s plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on “injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail.”

17. Unrealistic Rate of Flowback Recovery Proposed- The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. Inadequate Information on Storage Tanks- The application states that the storage tanks will meet the qualities for the “purpose built.” There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. No Testing Plan for Flowback Water- This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. Use of Earthen Containment Berms- The plan states that the flowback storage tanks will be “enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume.” No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR’s numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. No Clarity for NORM Sampling to Undefined “Black Shale”- Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. Safety Considerations of the General Public- There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. The Containment Plan is completely inadequate. It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. **Missing Information in the Casing and Cementing Plan-** The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois' regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. **Traffic Avoidance of the Wabash River-** The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. **Specification of Earthquake area or floodplain missing or inadequate-** The Department's form requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate-** The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ..."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan

29. **Inadequate Water Quality Monitoring Plan-** The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. **Data Analysis Procedure Plan Inadequate-** The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled

“Data Analysis Procedures.” The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that “the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology.” Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

31. Water Quality Monitoring Work Plan is not “independent”- The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. Lack of Clarification on “Black Shale” subject to sampling- As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase “black shale” is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the “black shale” that will be tested pursuant to this requirement.

33. Need to Clarify If Filters Will Be Used and Tested for Radioactivity.- One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. Insufficient bond- The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is “not in the interest of the applicant to overuse water in the HVHFF process” but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application’s Water Source Management Plan*: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHFF of from “4.4 to 5 million gallons per well.”

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHFF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**
 - Which is correct?
 - Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
 - Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the “Wheel Wash” they describe will be installed and monitored at the location named?

Section 2.10 “Control of Other Air Emissions”: Under the heading “Appropriate emission”, it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: “During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820.”

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: “Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal” (sic). “Prior to testing the BOP, IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: “Prior to testing the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice


Page 1 of this section states: “If necessary, a public hearing is scheduled for the 02 day of August, 2017....”

Comments/Questions:

- Who determines if it is “necessary”?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

--

Ellen Glover



Brown, Ronda

From: Barbara Glowack [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:03 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Barbara Glowacki
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Paul [REDACTED]
Sent: Tuesday, June 27, 2017 1:48 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

To the Illinois Dept. Natural Resources,

I urge IDNR to deny the Woolsey HVHHF #000001 application for a High Volume Hydraulic Fracturing Permit. The documentation in the plan is wholly inadequate for approval at this time and will hurt local citizens and their environment and set a dangerous precedent for further such initiatives within the State of Illinois.

Keep Illinois safe, clean, and green

Respectfully submitted,

Paul Gobster

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Lawrence Glowacki [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:02 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lawrence Glowacki
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kate Goetz <act@fwwatch.org>
Sent: Sunday, June 18, 2017 10:23 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kate Goetz



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Patrick Goeckner <act@fwwatch.org>
Sent: Sunday, June 25, 2017 9:52 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Patrick Goeckner



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lisa Gold <act@fwwatch.org>
Sent: Friday, June 23, 2017 11:17 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Lisa Gold



Brown, Ronda

From: Daniel Goldberg [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Daniel Goldberg
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Larry Goldberg <act@fwwatch.org>
Sent: Monday, June 26, 2017 9:38 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Larry Goldberg



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Justin Goldberg <act@fwwatch.org>
Sent: Thursday, June 22, 2017 1:16 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Simply put, granting this permit to Woolsey would mean endangering the health of current Illinois residents as well as generations to come. It can not be allowed to happen.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Justin Goldberg



Brown, Ronda

From: Glenn Golden [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 10:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Glenn Golden
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Glenn Golden <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Glenn Golden



Brown, Ronda

From: Kelly Golding [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:42 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kelly Golding
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Meghan Golden [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, July 12, 2017 10:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Meghan Golden
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Sam Goldstein [REDACTED]
Sent: Wednesday, July 19, 2017 3:26 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sam Goldstein
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sharon Goldsand <act@fwwatch.org>
Sent: Saturday, June 24, 2017 7:49 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Sharon Goldsand



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Madelyn Kenny golebiewski <act@fwwatch.org>
Sent: Friday, June 23, 2017 6:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Madelyn Kenny golebiewski



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Patricia Goldweic <act@fwwatch.org>
Sent: Monday, June 19, 2017 8:48 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Patricia Goldweic



Brown, Ronda

From: Karen Gollrad <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 6:00 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Karen Gollrad

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Madelyn Kenny golebiewski <act@fwwatch.org>
Sent: Friday, June 23, 2017 6:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Madelyn Kenny golebiewski



Brown, Ronda

From: Martha Isabel Gonzalez [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:18 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Martha Isabel Gonzalez
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Maria Gonzalez <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Maria Gonzalez



Brown, Ronda

From: Joyce Good [REDACTED]
Sent: Saturday, June 24, 2017 4:45 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001). Fracking has been demonstrated to be dangerous. We must not crucify our land, water, air and people. We must protect them and stop immediately all permits to frack.

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Joyce Good

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nancy Gonzalez <act@fwwatch.org>
Sent: Saturday, June 17, 2017 2:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Nancy Gonzalez



Brown, Ronda

From: Linda Goad [REDACTED]
Sent: Sunday, June 04, 2017 8:43 PM
To: DNR.HFPublicComments
Subject: [External] Fracking at Starved Rock

I am an Illinois resident and am against fracking in Starved Rock.

Linda Goad



Sent from my iPhone

Brown, Ronda

From: Kelly Good [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 8:25 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kelly Good
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Judith Goodwin <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins. Also, Illinois is sitting on a fault that has been silent for several years and we do not want to aggravate it. Please, no fracking in Illinois. This state has enough problems! Judith Goodwin

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Judith Goodwin



Brown, Ronda

From: Raney Good [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:50 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Raney Good
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Karen Goozner <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Karen Goozner



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Goral <act@fwwatch.org>
Sent: Saturday, June 24, 2017 5:50 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Mary Goral

A large black rectangular redaction box covering the signature area of the letter.

Brown, Ronda

From: David Gordon [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:14 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

David Gordon
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bruce Gordon <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Bruce Gordon



Brown, Ronda

From: Melissa Gordon [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:01 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Melissa Gordon
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Deanna Gordon [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Deanna Gordon
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Moe Gorsline <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Moe Gorsline



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of sharon gordon <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 7:20 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

I do not want to take the chance of damaging our water supply, nor do we want to increase the likelihood of earthquakes (as has happened out west). as a nation, we should be moving towards renewable fuel...and should not be destroying our precious earth

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. sharon gordon

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Steve Gossard [REDACTED]
Sent: Tuesday, July 25, 2017 9:19 AM
To: DNR.HFPublicComments
Subject: [External] Fracking

Besides the many other concerns about fracking, I am concerned about the policy of injecting millions of gallons of water thousands of feet underground, and poisoning millions more in the process. This earth has a finite amount of water. It is not a renewable resource. *30 to 80 million gallons* of water are injected underground for each fracking well drilled. That is from 60 to 160 Olympic sized swimming pools of water lost to this earth forever for each well, and we have already sunk several thousand wells across the United States. We are walking on top of a sea of waste water, and millions more are brought to the surface, forever polluted for the purpose of burning fossil fuel, which pours even more poison into the air, water and soil. We need to enact legislation to prohibit, or at least limit this process now.

Steve Gossard
[REDACTED]

Brown, Ronda

From: Susan Gosdick [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:25 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Gosdick
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: S A Gould [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

Illinois doesn't need unsafe fracking!

Sincerely,

S A Gould
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Michael Gotmer [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:36 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Michael Gotmer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Sherilyn Grady [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sherilyn Grady
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Karli Grace <act@fwwatch.org>
Sent: Tuesday, June 27, 2017 11:39 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

It is time to leave this methodology behind and move totally to sustainable resources. With Southern II on a fault line, the fracking process is even more dangerous. Sustainable methods would be a way to put people to work. Our earth is a fragile ecosystem. Humans continue to put that ecosystem at great risk; we are destroying our only home for the profit of a few. Innovation in sustainability will shift industries, call for new skills, and demand retrofitting as we move into brilliant new ways of living.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Karli Grace



Brown, Ronda

From: Chris Graham [REDACTED]
Sent: Wednesday, June 28, 2017 8:58 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Chris Graham
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Beth Graham <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Beth Graham



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Beth Graham <act@fwwatch.org>
Sent: Thursday, June 22, 2017 4:16 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Beth Graham



Brown, Ronda

From: Geoff Graham [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:46 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Geoff Graham
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Macaire Grambauer [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Thursday, July 27, 2017 3:09 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Macaire Grambauer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Beth Graham [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:14 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Beth Graham
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Macaire Grambauer [REDACTED]
Sent: Thursday, July 27, 2017 3:08 PM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF-000001)

Hello,

I am writing in opposition to the Woolsey High volume Fracking permit application, Review Number (HVHHF-000001).

There is ample evidence that fracking contributes to both toxic air and water pollution in nearby communities. The methane leakage produced by fracking is a significant contributor to climate change, a crisis we should be addressing head-on, not making worse.

Water access is also a world crisis, and though we have not felt the pressure of that issue yet in Illinois, we most certainly will. Exceptionally large water withdrawals from groundwater resources are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption.

The Compendium of Scientific, Medical and Media Findings Demonstrating the Risks and Harms of Fracking, 4th Edition, now contains 924 citations on the risks and harms of fracking. 692 of those findings have been published since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. The Woolsey application fails to address the new findings and, on that basis alone, it should not be granted a fracking permit in the state of Illinois.

Please reject this permit.

Thank you,
Mac Grambauer
[REDACTED]

Brown, Ronda

From: Macaire Grambauer [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:36 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Macaire Grambauer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ben Granito [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:14 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ben Granito
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Michael Granger [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 8:00 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Michael Granger
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: robert grannick <info@actionnetwork.org>
Sent: Friday, June 23, 2017 4:26 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

robert grannick

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Joseph Grant [REDACTED]
Sent: Friday, July 28, 2017 10:02 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001

HVHHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,

Joseph Grant

ONE Northside/Fair Economy Illinois

919.357.0433

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHFF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

COMMENTS

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water -** Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHFF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated -** The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the “drilling objective” is the New Albany Shale but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.

5. **Failure to Clearly Identify the Confining Zone -** Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.

6. **Missing Data -** There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.

7. **Confusing Data-** The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.

8. **Inadequate Information-** Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.

9. **Missing Data-** Surface Training Pressure Range- This information is entirely missing.

10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. **Missing Data-**No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHWF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

Water Source Management Plan- Document 9

14. Failure to Propose Methods to Minimize Water Withdrawals One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHFF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a

basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant’s Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant’s Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHWF water supply wells) and a surface water body (a stock pond). *A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program.* (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. Inadequate information on Fracturing Fluids- The Applicant’s Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department’s form regarding fracturing fluid is provided as the only information stated in the Applicant’s plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on “injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail.”

17. Unrealistic Rate of Flowback Recovery Proposed- The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. Inadequate Information on Storage Tanks- The application states that the storage tanks will meet the qualities for the “purpose built.” There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. No Testing Plan for Flowback Water- This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. Use of Earthen Containment Berms- The plan states that the flowback storage tanks will be “enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume.” No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR’s numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. No Clarity for NORM Sampling to Undefined “Black Shale”- Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. Safety Considerations of the General Public- There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. The Containment Plan is completely inadequate. It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. Missing Information in the Casing and Cementing Plan- The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois' regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. Traffic Avoidance of the Wabash River- The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. The Certificate of insurance is insufficient to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. Specification of Earthquake area or floodplain missing or inadequate- The Department's form requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. Topsoil Plan Inadequate- The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ..."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan

29. Inadequate Water Quality Monitoring Plan- The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. Data Analysis Procedure Plan Inadequate- The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data

Analysis Procedures.” The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that “the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology.” Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

31. Water Quality Monitoring Work Plan is not “independent”- The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. Lack of Clarification on “Black Shale” subject to sampling- As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase “black shale” is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the “black shale” that will be tested pursuant to this requirement.

33. Need to Clarify If Filters Will Be Used and Tested for Radioactivity.- One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. Insufficient bond- The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is “not in the interest of the applicant to overuse water in the HVHFF process” but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application’s Water Source Management Plan*: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHFF of from “4.4 to 5 million gallons per well.”

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHFF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**
 - Which is correct?
 - Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
 - Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the “Wheel Wash” they describe will be installed and monitored at the location named?

Section 2.10 “Control of Other Air Emissions”: Under the heading “Appropriate emission”, it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: “During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820.”

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: “Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal” (sic). “Prior to testing the BOP, IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: “Prior to testing the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice

Page 1 of this section states: “If necessary, a public hearing is scheduled for the 02 day of August, 2017....”

Comments/Questions:

- Who determines if it is “necessary”?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

--

Joseph Grant
PhD Candidate
Department of Political Science
Northwestern University
601 University Place
Evanston, IL 60201



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Terri Grasso <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins. Illinois has not issued a well permit for fracking thus far and I don't believe we should allow this to begin in this state for the above mentioned reasons. Health and safety concerns should be our highest priority, not the use of fracking to enhance the Woolsey Oil Corporation's profits.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Terri Grasso

A large black rectangular redaction box covering the signature and name of the sender, Ms. Terri Grasso.

Brown, Ronda

From: Joseph Grant <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:29 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Joseph Grant

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rose Greco <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Rose Greco



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Whitney Graves <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Whitney Graves



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jeff Green <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Jeff Green



Brown, Ronda

From: Rose Greco [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:18 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rose Greco
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of jeremy green <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. jeremy green



Brown, Ronda

From: Jennifer Green [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:35 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jennifer Green
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lynne Green <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Lynne Green



Brown, Ronda

From: Kevin Green [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:53 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kevin Green
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Miranda Green <act@fwwatch.org>
Sent: Thursday, June 22, 2017 1:15 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Miranda Green



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Miranda Green <act@fwwatch.org>
Sent: Thursday, June 22, 2017 1:15 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

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Sincerely,

Miss Miranda Green



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Harmon Greenblatt <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Harmon Greenblatt



Brown, Ronda

From: Jean Greenberg [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:47 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jean Greenberg
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Stu Greenspan <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Stu Greenspan



Brown, Ronda

From: Miriam Greenblatt [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 11:18 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Miriam Greenblatt
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Stuart Greenspan [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:25 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Stuart Greenspan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Becca Greenstein [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:10 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Becca Greenstein
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Geoffrey Greer [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 11:20 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Geoffrey Greer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Cindy Greer [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 11:15 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cindy Greer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kimberly Grein [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:09 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kimberly Grein
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jeff Greer [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:57 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jeff Greer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: S Grenzow [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 7:41 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

S Grenzow
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Erik Grenee <act@fwwatch.org>
Sent: Sunday, June 25, 2017 10:51 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Erik Grenee



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Gary Grice <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Gary Grice



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of S Grenzow <act@fwwatch.org>
Sent: Wednesday, June 21, 2017 9:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. S Grenzow



Brown, Ronda

From: Susan Gries [REDACTED]
Sent: Friday, July 28, 2017 9:21 AM
To: DNR.HFPublicComments
Subject: [External] HVVHF #000001

HVVHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,
Sue Gries
ONE Northside/Fair Economy Illinois
[REDACTED]

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVVHF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

COMMENTS

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water** - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVVHF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated** - The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the "drilling objective" is the New Albany Shale but later refers to the "objective" being the "Grassy Creek" shale and, later still, describes the "reservoir zone", and the Semier Shale as the "frac barrier." These terms are not synonymous and therefore both confusing and inadequate.

5. **Failure to Clearly Identify the Confining Zone** - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that

constitute the "confining zone" for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.

6. **Missing Data** - There is no information, data, or calculations supplied on either a micro-seismic study or the "historic" use to support whether the identification of the "frac barriers" is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or "frac barrier" and the Application is therefore inadequate and must be denied.

7. **Confusing Data**- The Role of the Selmer Shale is listed as both a "drilling objective" and a "frac barrier" (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.

8. **Inadequate Information**- Fracturing Pressure- The fracturing pressure of the "producing zone" is given as 2,875 psi. Yet three separate formations are mentioned as "drilling objectives." The same psi for all three would not be used.

9. **Missing Data**- Surface Fracturing Pressure Range- This information is entirely missing.

10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. **Missing Data**-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on "Composition/Information on Ingredients" lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl poly-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of "Trade Secret."

Water Source Management Plan- Document 9

14. **Failure to Propose Methods to Minimize Water Withdrawals** One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern

is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHWF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of "reasonable use" of the state's groundwater and the regulatory requirement to "minimize water withdrawals as much as feasible" is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant's Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHWF water supply wells) and a surface water body (a stock pond). A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program.
(emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. **Inadequate information on Fracturing Fluids-** The Applicant's Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the

Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."

17. Unrealistic Rate of Flowback Recovery Proposed- The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. Inadequate Information on Storage Tanks- The application states that the storage tanks will meet the qualities for the "purpose built." There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. No Testing Plan for Flowback Water- This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. Use of Earthen Containment Berms- The plan states that the flowback storage tanks will be "enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume." No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR's numbers, the storage proposed will be completely inadequate.

Well site Safety Plan- Document 11

21. No Clarity for NORM Sampling to Undefined "Black Shale" - Section 3.2.10 of the Well site Safety Plan addresses Naturally Occurring Radioactive Material ("NORM"). This section limits the drill cuttings to be tested for radioactivity to "black shale." Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the "black shale" subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be "black shale," in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. Safety Considerations of the General Public- There is virtually no consideration given to the safety of members of the general public that may be in the site's vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. The Containment Plan is completely inadequate. It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the "earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. Missing Information in the Casing and Cementing Plan- The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois' regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. Traffic Avoidance of the Wabash River- The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. The Certificate of Insurance is insufficient to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. Specification of Earthquake area or floodplain missing or inadequate- The Department's form requires the applicant to identify whether the insured well site

location is in a defined earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate-** The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ..."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan

29. **Inadequate Water Quality Monitoring Plan-** The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. **Data Analysis Procedure Plan Inadequate-** The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data Analysis Procedures." The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that "the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology." Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

31. **Water Quality Monitoring Work Plan is not "independent"-** The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non-binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non-binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radiative Materials Management- Document 25

32. **Lack of Clarification on "Black Shale" subject to sampling-** As stated in the previous comments under Document 11, the Well site Safety Plan, the phrase "black shale" is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the "black shale" that will be tested pursuant to this requirement.

33. **Need to Clarify If Filters Will Be Used and Tested for Radioactivity.** - One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. **Insufficient bond-** The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: "ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT." The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this

information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is "not in the interest of the applicant to overuse water in the HVHF process" but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible."* This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHF of from "4.4 to 5 million gallons per well."

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back

fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**

- Which is correct?
- Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
- Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the "Wheel Wash" they describe will be installed and monitored at the location named?

Section 2.10 "Control of Other Air Emissions": Under the heading "Appropriate emission", it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: "During flow back operations the tanks located within the area of the well site will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820."

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Brown, Ronda

From: Robert Grider <info@actionnetwork.org>
Sent: Friday, June 23, 2017 12:51 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Robert Grider

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Andrew Griesemer [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:45 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Andrew Griesemer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Andrew Griesemer [REDACTED]
Sent: Thursday, July 27, 2017 3:46 PM
To: DNR.HFPublicComments
Subject: [External] I oppose HVHHF-000001

I oppose HVHHF-000001. There is evidence that fracking contributes to both toxic air and water pollution in nearby communities. The methane leakage produced by fracking is a significant contributor to climate change.

Thank you,

Sent from my mobile device.

Sent from my mobile device.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Flayveila Griffiith <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Flayveila Griffiith



Brown, Ronda

From: Andrew Griesemer [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 12:36 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Andrew Griesemer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Russell Griffin <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Russell Griffin



Brown, Ronda

From: Conn Griffin [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:00 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Conn Griffin
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Julie Griffith <act@fwwatch.org>
Sent: Monday, June 19, 2017 5:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Julie Griffith



Brown, Ronda

From: Ellen Griffith [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ellen Griffith
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of michael griffith <act@fwwatch.org>
Sent: Monday, June 26, 2017 11:24 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

In addition the "secret" chemicals injected into the ground by frackers put local groundwater at risk. Until the fracking industry is held to account for the chemicals they inject they should not be permitted to operate a well.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. michael griffith



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Grillo <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Grillo



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sandy Grisko <act@fwwatch.org>
Sent: Wednesday, June 28, 2017 11:11 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 28, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Fracking is the worst decision you can make for our state, our people, our land. It is truly a sin to the earth. Do you want to become Oklahoma where the disruption of the earth has caused hundreds of earthquakes? Contaminate our water resources?? What will happen to people most effected? You ready to pay for clean water source for them?

The damage it will bring to this state is not worth the blood money.

OUR state need more resources?? LEGALIZE POT instead, doesn't hurt anyone

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sandy Grisko



Brown, Ronda

From: Robert Grillo <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:27 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Robert Grillo

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Norman Groetzinger [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 7:08 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Norman Groetzinger
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Griswold <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mary Griswold



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of kate grogan <act@fwwatch.org>
Sent: Wednesday, June 28, 2017 6:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 28, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. kate grogan



Brown, Ronda

From: Mary Grose [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 8:48 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Grose
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Darlene Grossman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 12:23 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Darlene Grossman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Charles Grotzke [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:59 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Charles Grotzke
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mark Grotzke [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:45 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mark Grotzke
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mark Grotzke <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Mark Grotzke



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diana Grunloh <act@fwwatch.org>
Sent: Sunday, June 25, 2017 5:52 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Diana Grunloh



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Michelle Groves <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Michelle Groves



Brown, Ronda

From: Janet Guaderrama [REDACTED]
Sent: Tuesday, July 25, 2017 9:22 AM
To: DNR.HFPublicComments
Subject: [External] Re: HVHHF# 000001 - Stop Fracking please

Re: HVHHF # 000001.....Please do not allow Fracking in Illinois....I have serious concerns about the side effects including ground water contamination, environmental pollution, and consequent earthquake triggering.

Thank you,

Janet Guaderrama
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Andrea Gruszecki <act@fwwatch.org>
Sent: Sunday, June 18, 2017 7:16 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins. Methane in the atmosphere also adds to the greenhouse gases causing climate change.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Andrea Gruszecki



Brown, Ronda

From: Dj Gualandri [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, July 03, 2017 7:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dj Gualandri
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Janet Guaderrama <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Janet Guaderrama



Brown, Ronda

From: Clara Guerrero [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:20 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Clara Guerrero
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Helen Gualtieri [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 12:53 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Helen Gualtieri
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Barbara Gum [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Barbara Gum
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diane Guldenzopf <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Diane Guldenzopf



Brown, Ronda

From: Peter Gunther [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:47 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Peter Gunther
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Peter Gunther <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Peter Gunther



Brown, Ronda

From: Veena Gursahani [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 9:36 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Veena Gursahani
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: David Guran [REDACTED]
Sent: Friday, June 23, 2017 8:56 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

David Guran
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of anne gustafson <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. anne gustafson



Brown, Ronda

From: Paul Gustab [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 1:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Paul Gustab
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dixie Gutierrez [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:31 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dixie Gutierrez
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Melissa Gutierrez [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:02 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Melissa Gutierrez
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Karen Gutierrez <act@fwwatch.org>
Sent: Saturday, June 24, 2017 10:20 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Karen Gutierrez



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jessica Guzlas <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jessica Guzlas



Brown, Ronda

From: Geoff Guy [REDACTED]
Sent: Friday, June 23, 2017 12:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Geoff Guy

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of N H <act@fwwatch.org>
Sent: Saturday, June 17, 2017 2:12 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. N H



Brown, Ronda

From: James Gysler [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:04 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

James Gysler
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: John Hachtel [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:42 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

John Hachtel
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: N H [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:28 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

N H
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jan Haeflinger <act@fwwatch.org>
Sent: Friday, June 23, 2017 10:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jan Haeflinger



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Victoria Hadaway <act@fwwatch.org>
Sent: Monday, June 26, 2017 11:24 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Victoria Hadaway



Brown, Ronda

From: Danielle Hagen [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 4:45 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Danielle Hagen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mary Hagele [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:33 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Hagele
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Annette Hagerty [REDACTED]
Sent: Tuesday, June 27, 2017 8:22 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Annette Hagerty
[REDACTED]

Brown, Ronda

From: Robert Hager [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 7:51 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Robert Hager
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Martha Van Haitsma [REDACTED]
Sent: Thursday, July 27, 2017 10:50 AM
To: DNR.HFPublicComments
Subject: [External] Comments on HVHHF-000001

Dear Illinois Dept. of Natural Resources,

I am writing about HVHHF-000001, the request from Woolsey for a High Volume Fracking permit, a permit I ask you to deny.

Woolsey is an out-of-state company that has shown negligence even in the application process - they gave the wrong location in their application and fail to include all the data and information required by the General Assembly and IDNR to protect public health and the environment. Claims they make in their application are also inconsistent. If Woolsey cannot be bothered with careful attention to detail and accuracy in their application, how can you expect compliance with safety regulations in their actual operations?

Of particular concern to the public based on Woolsey's application are:

1. A lack of regard for public water safety and supply:

- * Woolsey proposes exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion.
- * Woolsey does NOT propose to recycle water or otherwise minimize water consumption.
- * Deficient surface and groundwater sampling
- * An inadequate storm water management plan
- * The plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.
- * The entity proposed to "independently monitor" water quality is co-owned by the founder of a pro-fracking group formed to fight a community bill of rights in 2014. This is hardly a neutral or independent party.

2. A lack of regard for public health and safety:

- * Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
- * Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
- * No testing plan for flowback water (although required by law)

3. A lack of regard for other people's property and topsoil resources

- * Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected. The certificate of insurance fails to meet requirements set by the HFRA.
- * Failure to preserve topsoil

I urge you to deny this permit.

Thank you.

Martha Van Haitsma



Brown, Ronda

From: Anne Haggerty [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 11:54 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Anne Haggerty
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Eleanor Hall [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 12:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Please oppose fracking. We don't need more fossil fuels, and fracking has been linked to earthquakes in Oklahoma.

Sincerely,

Eleanor Hall
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jessica Haley [REDACTED]
Sent: Friday, July 28, 2017 9:37 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001 - Comment re The Woolsey application for HVHFP

HVHHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,

Jessica Haley

ONE Northside/Fair Economy Illinois

[REDACTED]

[REDACTED]

[REDACTED]

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHHF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

COMMENTS

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water -** Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHHF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated -** The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the “drilling objective” is the New Albany Shale but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.

5. **Failure to Clearly Identify the Confining Zone -** Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.

6. **Missing Data -** There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.

7. **Confusing Data-** The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.

8. **Inadequate Information-** Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.

9. **Missing Data-** Surface Training Pressure Range- This information is entirely missing.

10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. **Missing Data-**No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHWF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

Water Source Management Plan- Document 9

14. Failure to Propose Methods to Minimize Water Withdrawals One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHFF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a

basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant’s Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant’s Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHHF water supply wells) and a surface water body (a stock pond). *A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program.* (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. Inadequate information on Fracturing Fluids- The Applicant’s Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department’s form regarding fracturing fluid is provided as the only information stated in the Applicant’s plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on “injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail.”

17. Unrealistic Rate of Flowback Recovery Proposed- The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. Inadequate Information on Storage Tanks- The application states that the storage tanks will meet the qualities for the “purpose built.” There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. No Testing Plan for Flowback Water- This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. Use of Earthen Containment Berms- The plan states that the flowback storage tanks will be “enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume.” No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR’s numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. No Clarity for NORM Sampling to Undefined “Black Shale”- Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. Safety Considerations of the General Public- There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. The Containment Plan is completely inadequate. It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. Missing Information in the Casing and Cementing Plan- The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois' regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. Traffic Avoidance of the Wabash River- The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. The Certificate of insurance is insufficient to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. Specification of Earthquake area or floodplain missing or inadequate- The Department's form requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. Topsoil Plan Inadequate- The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ..."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan

29. Inadequate Water Quality Monitoring Plan- The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. Data Analysis Procedure Plan Inadequate- The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data

Analysis Procedures.” The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that “the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology.” Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

31. Water Quality Monitoring Work Plan is not “independent”- The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. Lack of Clarification on “Black Shale” subject to sampling- As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase “black shale” is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the “black shale” that will be tested pursuant to this requirement.

33. Need to Clarify If Filters Will Be Used and Tested for Radioactivity.- One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. Insufficient bond- The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is “not in the interest of the applicant to overuse water in the HVHFF process” but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application’s Water Source Management Plan*: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHFF of from “4.4 to 5 million gallons per well.”

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHFF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**

- Which is correct?
- Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
- Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the “Wheel Wash” they describe will be installed and monitored at the location named?

Section 2.10 “Control of Other Air Emissions”: Under the heading “Appropriate emission”, it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: “During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820.”

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: “Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal” (sic). “Prior to testing the BOP, IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: “Prior to testing the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice

Page 1 of this section states: “If necessary, a public hearing is scheduled for the 02 day of August, 2017....”

Comments/Questions:

- Who determines if it is “necessary”?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Brown, Ronda

From: Steven Hall [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 10:24 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Steven Hall
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Erin Hall <act@fwwatch.org>
Sent: Saturday, June 17, 2017 5:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Erin Hall



Brown, Ronda

From: David Ham [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 30, 2017 10:25 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

David Ham
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Halley [REDACTED]
Sent: Friday, June 02, 2017 10:33 AM
To: DNR.HFPublicComments
Subject: [External] No fracking in IL

Hvhhf-000001

No fracking in our state!

Brown, Ronda

From: Amy Hand [REDACTED]
Sent: Thursday, July 27, 2017 9:52 AM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF-000001)

1. **Regarding Review Number (HVHHF-000001)**

Please reconsider the application for fracking in Illinois based on the following concerns:

1. In general, the Woolsey application is woefully lacking in data and information required by the General Assembly and the IDNR to protect public health and the environment.

2. From the information that IS provided, a number of concerns arise, including but not limited to:

- Exceptionally large water withdrawals from groundwater resources are proposed that

are very susceptible to depletion, and failure to recycle water or otherwise minimize

water consumption.

- Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
- Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
- Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected
- Failure to preserve topsoil and an inadequate storm water management plan
- Deficient surface and groundwater sampling

3. The Compendium of Scientific, Medical and Media Findings Demonstrating the Risks and Harms of Fracking, 4th Edition, now contains 924 citations on the risks and harms of fracking. 692 of those findings have been published since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. The Woolsey application fails to address the new findings and, on that basis alone, it should not be granted a fracking permit in the state of Illinois.

Please act in the best interests of our state!

Thank you ,

Amy Hand

Brown, Ronda

From: Jonathan Hancock [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jonathan Hancock
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nora Handler <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Nora Handler



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Handelsman <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

No fracking!!!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Handelsman



Brown, Ronda

From: Barbara Hannah [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Barbara Hannah
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Hanley <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mary Hanley



Brown, Ronda

From: jane hannemann [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 1:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

jane hannemann
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: jane hannemann [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 4:32 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

jane hannemann
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of James Hansen <act@fwwatch.org>
Sent: Saturday, June 17, 2017 4:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. James Hansen



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lori Hannon <act@fwwatch.org>
Sent: Tuesday, June 27, 2017 12:39 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lori Hannon



Brown, Ronda

From: Mike Hansen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mike Hansen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mike Hansen <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Mike Hansen



Brown, Ronda

From: Sue Hanson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sue Hanson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ryan Hanson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:17 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ryan Hanson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of stephen hapke <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. stephen hapke



Brown, Ronda

From: Stephen Hapke [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:53 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment

NO FRACKING IT IS UNSAFE AND JUST CONTINUES THE CYCLE OF POLLUTION THAT IS BEGINNING TO KILL MANKIND THROUGH CLIMATE4 CHANGE

Sincerely,

Stephen Hapke
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kate Harder <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Kate Harder



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Saskia Harak <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 4:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Saskia Harak



Brown, Ronda

From: Kate Harder [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 6:05 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kate Harder
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mary Hardzinski [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 9:15 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Hardzinski
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jenna Harker [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jenna Harker
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Keith Hargrove <act@fwwatch.org>
Sent: Sunday, June 18, 2017 9:15 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Keith Hargrove



Brown, Ronda

From: Virginia Harmon [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 6:57 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Virginia Harmon
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Maria Harmon <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Maria Harmon



Brown, Ronda

From: Clarence Harris [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:16 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Clarence Harris
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lauren Harper [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:15 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lauren Harper
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Elizabeth Hart <act@fwwatch.org>
Sent: Saturday, June 17, 2017 12:49 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Elizabeth Hart



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Debra Harris <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Debra Harris



Brown, Ronda

From: Olivia Hart [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:56 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Olivia Hart
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jessica Hart [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:29 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jessica Hart
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: William Hart [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:51 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

William Hart
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Russell Hart [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:24 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

I further understand that another fracking well operated by the applicant EXPLODED in operation in 2014, and that litigation regarding this incident is still ongoing. At a minimum, we should at least see what mitigation is undertaken in this other suit.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Russell Hart
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Todd Hartman <act@fwwatch.org>
Sent: Sunday, June 18, 2017 12:51 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Todd Hartman



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jessica Hart <act@fwwatch.org>
Sent: Friday, June 23, 2017 10:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jessica Hart



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Amber Haseltine <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Amber Haseltine



Brown, Ronda

From: Todd Hartman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:13 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Todd Hartman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Erin Hassan <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 12:19 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Erin Hassan



Brown, Ronda

From: Alejandra Haselwood [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 7:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Alejandra Haselwood
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jim Hathaway <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Jim Hathaway



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mark Hastings <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Mark Hastings



Brown, Ronda

From: Barbara Hauser [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Barbara Hauser
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Barbara Hauser <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Barbara Hauser



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kevin Havener <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I strongly urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001)!

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials. Also this process can initiate earthquakes.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Kevin Havener



Brown, Ronda

From: Joseph Hautzinger [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:02 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Joseph Hautzinger
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Heidi Haverkamp [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:31 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Heidi Haverkamp
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kevin Havener [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:56 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kevin Havener
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Chris Havlin <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 2:52 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

We must protect Illinois' residents' public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

The scientific community has shown through hundreds of studies that hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials. This cannot be allowed. The health and future of Illinois residents is at stake!

Fracked wells *will* leak into the surrounding environment, and nothing can be done to stop it: water and air samples prove it.

In addition to all of these known problems with fracking, Woolsey cannot to be trusted: they had an explosion at one of their sites in 2014 in Fairfield, IL.

We CANNOT sacrifice the health of Illinoisans and our natural resources to a toxic industry.

Please deny the Woolsey Operating Company fracked well permit.

Chris Havlin

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Marilyn Haverly [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 3:03 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Completed

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marilyn Haverly
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rachel Havrelock <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

As a Great Lakes state with majestic rivers, Illinois should steer clear of extreme energy that puts our fresh water at risk.

Water is poised to be the most valuable element and the key to improving and growing the Illinois economy. Gas, on the other hand, is currently valued low with people across the spectrum interested in transitioning to renewable energy.

Opening fracking wells risks the health and viability of our water and thus our potential for economic and social growth.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

The IDNR surely wants to protect the resources, communities, and future of Illinois, please deny Woolsey's unnecessary plans to put these things at risk.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Rachel Havrelock



Brown, Ronda

From: Rachel Havrelock [REDACTED]
Sent: Friday, July 28, 2017 12:51 PM
To: DNR.HFPublicComments
Subject: [External] Fwd: HVHFF-000001 comment

To Whom It May Concern:

I write as a citizen of Illinois, deeply devoted to protecting and preserving fresh water resources for the people of our state. Thank you for considering my comments below.

Sincerely,

Dr. Rachel Havrelock

Woolsey Operating Company LLC Application for Permit in White County

- 1) IDNR's Public Notice identifies this proposed well as a gas well, while the application indicates that the proposed well is an oil well and that gas will be flared.
- 2) Woolsey Operating Co. LLC was involved in a blowout in Wayne County while the company was fracking a well, and two workers were injured. This company should not be allowed to conduct HVHFF operations.
- 3) Seven million gallons of fresh, potable water are too much to be used for an oil well.
- 4) We are concerned about the loud noise, bright lights, and increased truck traffic that will be created by the operation, especially at night.
- 5) The EPA has concluded that oil and gas operations have contaminated water supplies, and the risk of contaminating fresh water outweighs the benefits of production from this well.
https://www.epa.gov/sites/production/files/2016-12/documents/hfdwa_executive_summary.pdf
- 6) DNR regulations require applicants to "submit a radioactive materials management strategy to test for and identify, manage, transport and dispose of any radioactive materials utilized or generated during the course of HVHFF operations." Woolsey's application appears to be in compliance with the requirement to test for and identify radioactive materials – but nothing else. It therefore does not qualify as a "strategy" that meets the other requirements. This is especially alarming, and cannot be deemed adequate, in light of the fact that technologically enhanced naturally occurring radioactive materials (TENORM) brought to the surface and/or deposited on oil-field equipment in Southern Illinois is generally much more radioactive than in other regions nationally – and White County, in particular, has shown elevated radioactivity in oilfield equipment and soils more commonly than in the rest of Southern Illinois. (See USGS Fact Sheet, FS-142-99, and James K. Otton, et al., Effects of produced water at some oilfield production sites in Southern Illinois, U.S.G.S. Open File Report 97-448, July 1997, pp. 6-7, 83.)
7. The site of the proposed HVHFF operations lies within the Wabash Valley Seismic Zone and is within the impact zone of the New Madrid Fault Zone. (USGS Documentation for the 2014 Update of the United States National Seismic Hazard Maps "2014 Modeling", ofr 2014-1091, at 6, 36.) For IDNR to allow an HVHFF operation and related wells for the disposal of wastewater in this area increases the risk of earthquakes and subjects local residents to additional risks of pollution and contamination of air, water, and soil. DNR's regulations (62 Ill. Adm. Code Sec. 245.210(d)) require extra precautions to protect the components in the HVHFF operations plans for fluids and flowback, well site safety, containment, and casing and cementing, when the proposed well is within or very near an area identified by U.S. Geological Service models as having a 2% or more probability of exceedance (in 50 years) of peak ground acceleration of 0.4 standard gravity (g) or more. This requirement is based upon a standard used in the 2014 Modeling. The proposed well site was in such an area in the 2008 modeling (USGS Documentation for the 2014 Update of the United States National Seismic Hazard Maps, ofr 2014-1091, at 6) and is within or very close to such an area in the 2014 Modeling (at 6). So Woolsey should be required to

comply with the additional requirements set out in Section 245.210(d). In addition, the 2014 Modeling acknowledged that “[s]everal issues still need to be addressed in future versions of the maps,” and the 2014 Modeling gave as an example the following: “[W]e have not finalized a model for the treatment of hazard from earthquakes suspected of being caused by fluid injection (potentially induced earthquakes). This is a very complex problem and alternatives will, most likely, be considered as a series of logic-tree branches in future models. The users of the hazard maps should consider additional hazard from potentially induced events.” A 2016 U.S. Geological Service report takes induced earthquakes into account and appears to have increased the risks in the area including the proposed well site, although the report does not use the 50-year modeling standard but a different 1-year standard instead. 2016 One-Year Seismic Hazard Forecast for the Central and Eastern United States from Induced and Natural Earthquakes “2016 Modeling”, ofr20161035, at 29. In the vicinity of the proposed well site, the 2016 Modeling also associates numerous earthquakes with wells. 2016 Modeling at 6.

8. Woolsey's application does not include any indication of how far the subsurface fracturing with fluids and pressure will extend beyond the horizontal well bore, so the application includes no assurance that all the owners with subsurface rights have consented to the fracturing operations. Without the consent of all owners of the subsurface to be impacted—whether that is by drilling, by pressure, or by fluids—Woolsey will commit subsurface trespass.

9. Similarly, because Woolsey's application does not include any indication of how far the subsurface extraction of oil and other materials will extend beyond the horizontal well bore, the application includes no assurance that this proposed operation will respect the ownership rights of those holding the mineral rights on adjoining land. Without the consent of all owners of mineral rights whose minerals could be extracted, Woolsey will commit theft of the minerals.

10. Woolsey plans to use silica sand as a proppant, but the National Institute for Occupational Safety and Health (NIOSH) has identified exposure to airborne silica as a health hazard to workers conducting some hydraulic fracturing operations. https://www.osha.gov/dts/hazardalerts/hydraulic_frac_hazard_alert.html

11. Woolsey's application does not state whether or not there are preexisting fractures in any of the layers in the relevant locations. Preexisting fractures would affect the pressures required for additional fracturing, and preexisting fractures could serve as pathways for the migration of fracking fluids.

12. Fossil fuel production increases climate change, and new fossil fuel production, especially HVHFF operations, will negatively impact the health and safety of the public. See <http://concernedhealthny.org/compendium/> We must leave fossil fuels in the ground.

Brown, Ronda

From: Savannah Hawkins <info@actionnetwork.org>
Sent: Friday, June 23, 2017 4:07 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Savannah Hawkins

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Savannah Hawkins [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:10 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Savannah Hawkins
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Deborah Haws [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 2:22 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Deborah Haws
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of rebecca hawkins-valadez <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 7:43 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. rebecca hawkins-valadez



Brown, Ronda

From: Cathy Hayden [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 7:02 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cathy Hayden
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Christina Hayes <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Please keep our water clean to support life, as it is meant to do!

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Christina Hayes



Brown, Ronda

From: Robert Hayes [REDACTED]
Sent: Sunday, June 25, 2017 6:43 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Robert Hayes
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Judith Hays [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 1:56 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am shocked. Hasn't Governor Rauner read a newspaper or seen on television how destructive fracking is? There is evidence this process poisons water near these operations and causes earthquakes in the area. Why would a governor allow his/her state be destroyed for money? There is only one answer -- GREED. But the money doesn't go to the average citizen, it goes to the corporations and local politicians.

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Judith Hays
[REDACTED]



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Debbi Heatherly [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:42 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Debbi Heatherly
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Laurel Hays [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Laurel Hays
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Julie Hecktman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:52 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Julie Hecktman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Julie Hecktman <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I do not want to be another earthquake-ridden Oklahoma! I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Julie Hecktman



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Cathy Hedstrom <act@fwwatch.org>
Sent: Sunday, June 18, 2017 6:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Cathy Hedstrom

[Redacted signature]

I urge you to protect Illinois'

[Redacted signature]

Brown, Ronda

From: Marcia Heeter [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:29 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marcia Heeter
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Natalie Heglund <act@fwwatch.org>
Sent: Sunday, June 25, 2017 9:23 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Natalie Heglund
3839 W Wrightwood Ave.
Chicago, IL 60647

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Natalie Heglund



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lindsey Hegarty <act@fwwatch.org>
Sent: Monday, June 26, 2017 11:54 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lindsey Hegarty



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lynette Heidemann <act@fwwatch.org>
Sent: Thursday, June 22, 2017 1:16 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lynette Heidemann



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lynette Heidemann <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lynette Heidemann



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Andrew Heiserman <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Andrew Heiserman



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Karl Von Heimburg <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Karl Von Heimburg



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of marcia heitz <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. marcia heitz



Brown, Ronda

From: Andrew Heiserman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 3:08 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: MARCIA HEITZ [REDACTED]
Sent: Tuesday, June 27, 2017 7:30 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

MARCIA HEITZ
[REDACTED]

Brown, Ronda

From: Marcia Heitz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 6:06 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marcia Heitz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Heitzinger <act@fwwatch.org>
Sent: Saturday, June 17, 2017 4:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Fracking has caused many environmental and health issues in communities around the United States. Let's try to avoid this in Illinois!

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Robert Heitzinger



Brown, Ronda

From: marcia heitz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 6:13 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

marcia heitz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Elisa Helford [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:46 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Elisa Helford
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of crystal hejl <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. crystal hejl



Brown, Ronda

From: Sandra Heller [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sandra Heller
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Frederik Heller [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Frederik Heller
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Robin Helms [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:42 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Robin Helms
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bonnie Helm <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:20 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Bonnie Helm



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of John Hemmer <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. John Hemmer



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ann Helt <act@fwwatch.org>
Sent: Saturday, June 17, 2017 8:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Ann Helt



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Elizabeth Hemzacek <act@fwwatch.org>
Sent: Monday, June 19, 2017 12:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Elizabeth Hemzacek



Brown, Ronda

From: John Hemmer [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:55 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

John Hemmer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Henry Henderson <act@fwwatch.org>
Sent: Wednesday, June 21, 2017 11:44 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Our water resources are too precious to gamble with on a technology that is suspect.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Henry Henderson



Brown, Ronda

From: Greg Henderson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 1:48 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Greg Henderson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Spencer Hendrixson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 6:09 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Spencer Hendrixson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ernie Hendrickson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:37 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ernie Hendrickson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Cheryl Henley [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:54 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cheryl Henley
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Cheryl Henley <act@fwwatch.org>
Sent: Saturday, July 01, 2017 11:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 1, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Cheryl Henley



Brown, Ronda

From: Daniel Henrick [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 26, 2017 8:52 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Daniel Henrick
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Susan Henning [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:28 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Henning
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Edith Henry <info@actionnetwork.org>
Sent: Tuesday, June 27, 2017 8:22 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Edith Henry

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: KATHLEEN HENRICKS [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, July 15, 2017 10:51 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

KATHLEEN HENRICKS
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Charles Hensel [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Charles Hensel
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: elaine henry [REDACTED]
Sent: Thursday, July 27, 2017 10:41 AM
To: DNR.HFPublicComments
Subject: [External] NO FRACKING IN IL

I oppose fracking in IL. As you certainly must know, fracking contributes to both toxic air and water pollution. The methane leakage produced by fracking is a significant contributor to climate change. In addition, I've been horrified by the seismic activity caused by fracking in OK and other regions.

Elaine M. Henry
[REDACTED]

Brown, Ronda

From: Danette Herath [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 2:15 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Danette Herath
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Bobbie Herakovich [REDACTED]
Sent: Tuesday, June 27, 2017 6:49 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Bobbie Herakovich
[REDACTED]

Brown, Ronda

From: Susan Hering [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:18 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Hering
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Janella Harper Herbig <act@fwwatch.org>
Sent: Tuesday, June 27, 2017 11:39 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Janella Harper Herbig



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sara Hernandez <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sara Hernandez



Brown, Ronda

From: William Hermann [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:10 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

William Hermann
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Carmen Herrera <act@fwwatch.org>
Sent: Saturday, June 17, 2017 12:43 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Carmen Herrera



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Carmen Herrera <act@fwwatch.org>
Sent: Saturday, June 17, 2017 12:43 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

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Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Carmen Herrera



Brown, Ronda

From: Lauren Herskovic [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, June 28, 2017 6:26 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lauren Herskovic
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lauren Herskovic [REDACTED]
Sent: Thursday, July 27, 2017 10:25 AM
To: DNR.HFPublicComments
Subject: [External] No Fracking In IL (Review #HVHHF-000001)

To Whom It May Concern:

As an Illinois citizen and an air-breathing human being, I submit my opposition to allowing the Woolsey Operating Company to frack in IL. (This is in regards to review # HVHHF-000001) It has been proven that fracking contributes to both toxic air and water pollution in nearby communities, and I can't ignore the increased number of earthquakes in US states that have a lot of fracking activity.

This is bad for our environment and bad for our state.

Please, please, please do not open IL up to fracking. It is so obvious that as a global community, we are trending to cleaner/safer/more renewable sources of energy. Let us focus our efforts there, which will help not only the environment but the IL economy.

PLEASE. I refuse to leave our children with a completely depleted environment so we can make a little side cash along the way.

Thank you,
Lauren Herskovic

Brown, Ronda

From: Jan Hervert [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, July 14, 2017 4:28 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jan Hervert
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jerry Herst [REDACTED]
Sent: Monday, June 26, 2017 5:17 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Jerry Herst
[REDACTED]

Brown, Ronda

From: Donella Hess-Grabill [REDACTED]
Sent: Tuesday, June 27, 2017 10:19 AM
To: DNR.HFPublicComments
Subject: [External] HVVHF-000001, Woolsey Application

I am writing to voice my opposition to the Woolsey application for a High Volume Hydraulic Fracturing Permit. It is the first application following the passage of the Hydraulic Fracturing Regulatory Act on 6/17/13, and is, therefore, a critical test case in how the IDNR will address future permit applications and comments by the public.

I urge IDNR to deny the Woolsey HVVHF #000001 application for a variety of reasons, including the following.

1. In general, the Woolsey application is woefully lacking in data and information required by the General Assembly and the IDNR to protect public health and the environment.

2. From the information that IS provided, a number of concerns arise, including but not limited to the following:

- **Exceptionally large water withdrawals from groundwater resources** are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption.
- **Significant underestimation of flowback volumes, and inadequate containment facilities** for even that amount of flowback and other chemicals/wastes that the application does estimate.
- **Concealment of information on hazardous fracking chemicals** without attempting to demonstrate entitlement to trade secret protection.
- **Inadequate insurance**, with insurance that excludes the very types of damages to private landowners' property that should be protected
- **Failure to preserve topsoil and an inadequate storm water management plan**
- **Deficient surface and groundwater sampling.**

3. The Compendium of Scientific, Medical and Media Findings Demonstrating the Risks and Harms of Fracking, 4th Edition, now contains 924 citations on the risks and harms of fracking. 692 of those findings have been published since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. The Woolsey application fails to address the new findings and, on that basis alone, it should not be granted a fracking permit in the state of Illinois.

Donella Hess-Grabill
[REDACTED]

Brown, Ronda

From: Jan Hervert [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:10 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jan Hervert
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Christopher Heuman <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Christopher Heuman



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lee Hettinga <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lee Hettinga



Brown, Ronda

From: Arlene Hickory [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:04 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Arlene Hickory
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Maureen Hickey [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 3:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Maureen Hickey
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Janine Hicks <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Janine Hicks



Brown, Ronda

From: arlene hickory <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:45 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

arlene hickory

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: David Hildner [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:38 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

David Hildner
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jerry Hicks <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Jerry Hicks



Brown, Ronda

From: Nicole Hilkevitch [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:05 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Nicole Hilkevitch
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nicole Hilkovitch <act@fwwatch.org>
Sent: Friday, June 23, 2017 10:47 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Nicole Hilkovitch



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ellen Hill <act@fwwatch.org>
Sent: Monday, June 19, 2017 8:48 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Ellen Hill



Brown, Ronda

From: Colin Hill [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:50 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Colin Hill
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Karen Hill [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 11:33 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karen Hill
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mark Hillenbrand [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 7:49 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mark Hillenbrand
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: E. Hinds [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

E. Hinds
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kim Hilt <act@fwwatch.org>
Sent: Saturday, June 17, 2017 12:12 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Kim Hilt



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mark Hinds <act@fwwatch.org>
Sent: Monday, June 19, 2017 5:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Mark Hinds



Brown, Ronda

From: Mark Hinds [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:59 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mark Hinds
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Sarah Hinojosa [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 9:58 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sarah Hinojosa
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: John Hinkle [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:47 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

My comments pertain to the application from Woolsey Operating Company for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), Review Number HVHHF-000001.

Woolsey Energy owned and operated the frack well that exploded in January 2014. A lawsuit by the injured party is still in process. Woolsey does not have a safe track record.

The proposed well (Woodrow #1H-310408-193) in White County, Illinois endangers the health and safety of the community through risk of water contamination, air pollution, and earthquakes - all lead to long term health effects - by extracting and burning more dirty fossil fuels.

The people of Illinois do NOT want fracking. Illinois needs a solar and geothermal program instead that would put out of work Illinoisans back on the payroll.

Woolsey's application lacks data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA designed to protect public health and the environment, and cannot be approved as submitted.

My concerns:

The application requests exceptionally large water withdrawals from groundwater resources susceptible to depletion and fails to include plans to recycle water or otherwise minimize water consumption.

The application significantly underestimates flowback volumes, and has inadequate containment facilities for the amount of flowback and other chemicals/wastes the application estimates.

The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.

The application has inadequate insurance for the well; excluding the types of damages to private property that should be protected.

Operations described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.

The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Illinois DNR should protect our health and environment by rejecting Woolsey's inadequate permit application.

Sincerely,

John Hinkle



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mia Hirschel [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mia Hirschel
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jean Hirsch <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jean Hirsch



Brown, Ronda

From: Paul Hixson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:32 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Paul Hixson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jeanette Hirt <act@fwwatch.org>
Sent: Sunday, June 25, 2017 3:22 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jeanette Hirt



Brown, Ronda

From: John Hockman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:32 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

John Hockman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Karl Hjerpe [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:45 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karl Hjerpe
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kiel Hodges [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Thursday, July 13, 2017 1:00 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kiel Hodges
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Joyce Hodel [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Joyce Hodel
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Andrew Hoffman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 5:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Andrew Hoffman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Andrew Hoffman <act@fwwatch.org>
Sent: Sunday, June 18, 2017 10:15 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Andrew Hoffman



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Justin Hoffman <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Justin Hoffman



Brown, Ronda

From: Jim Hoffman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 2:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jim Hoffman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Justin Hoffman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:36 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Justin Hoffman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Steven Hoffman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:50 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Steven Hoffman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Joyce Hofmann <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I strongly urge you to protect Illinois' natural resources and the health and safety of Illinois citizens by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of scientific studies have shown that the practice of hydraulic fracturing pollutes air, water and soil with toxic, carcinogenic and radioactive materials. It may also increase the probability of earthquakes in the state.

Even without any serious accident (such as the explosion of a Woolsey well in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The risk to people living in the vicinity of this proposed well is unacceptable.

Finally, we should be reducing our use of fossil fuels and relying more on increasing energy efficiency, reducing energy demand, and developing renewable energy sources.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Joyce Hofmann



Brown, Ronda

From: Donald Hofgren [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, July 12, 2017 5:49 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Donald Hofgren
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Greta Hogan <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Greta Hogan



Brown, Ronda

From: Joyce Hofmann [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 7:21 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

These comments concern the application by Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA. Therefore, it cannot be approved as submitted. As an example of its shortcomings, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells would be located.

Fracking requires exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion. This application fails to include plans to recycle water or otherwise minimize water consumption.

Fracking uses hazardous chemicals. The application conceals information on hazardous chemicals without attempting to demonstrate entitlement to trade secret protection.

The application includes inadequate insurance for the well and the insurance excludes the types of damages to private landowners' property that could occur.

The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources for Illinois residents.

Finally, southern Illinois is near the New Madrid fault and fracking there could cause an increase the frequency of earthquake activity.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Joyce Hofmann
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Martin Hohmeier <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Martin Hohmeier



Brown, Ronda

From: Kathleen Hogan <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:56 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Fracking represents one of our worst ideas for energy production. Poisoning potable water, risking surrounding communities, and how well does this small earthquake producer work alongside the downstate Madras fault?

Again, please deny the Woolsey Operating Company fracked well permit.

Kathleen Hogan

[REDACTED]

[REDACTED]

[REDACTED]

Brown, Ronda

From: Marguerite Holland [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 7:31 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marguerite Holland
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nicholas Holhut <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Nicholas Holhut



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Torrey Holland <act@fwwatch.org>
Sent: Wednesday, June 21, 2017 1:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Why are we letting China win the Green Energy war? Lawmakers seem to favor oil, coal, and natural gas over the future of our energy independence. It's as if lawmakers would have given horse and buggy incentives and cut automobile incentives, forcing the burgeoning auto industry overseas crippling our economic future. Don't turn us into a has-been country. Let's be leaders once again. Country over Party!!

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Torrey Holland



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Chris Holly <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Chris Holly



Brown, Ronda

From: Christopher Holly [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Christopher Holly
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Christopher Holly [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, July 02, 2017 9:16 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Christopher Holly
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Larry Holman <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Larry Holman



Brown, Ronda

From: Christopher Holly [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 12:59 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Christopher Holly
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of D Holmquist <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. D Holmquist

A large black rectangular redaction box covers the signature area, obscuring the name and any handwritten notes or dates.

Brown, Ronda

From: Eric Holmberg <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:45 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Eric Holmberg

██████████
██████████
██████████

Brown, Ronda

From: Barbara Holowczak [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:03 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Barbara Holowczak
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: D Holmquist [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:56 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

D Holmquist
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Raymond Holpuch [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 2:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Raymond Holpuch
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Stephanie Drenth Holt [REDACTED]
Sent: Thursday, June 01, 2017 10:06 AM
To: DNR.HFPublicComments
Subject: [External] Do not Frack in Starved Rock

Please do not destroy an area of such beauty. No drilling, no fracking. Preserve this area for the benefit of future generations.

Stephanie Holt
[REDACTED]

Brown, Ronda

From: Harry L Holtz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:33 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Harry L Holtz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ann Holt-Harris [REDACTED]
Sent: Monday, June 26, 2017 5:51 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff, I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below. The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted.

Ann Holt-Harris
Geneva, IL

Ann Holt-Harris
[REDACTED]

Brown, Ronda

From: Kirsten Holzhauer [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 8:43 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kirsten Holzhauer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mark Holub [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 5:05 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mark Holub
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Peter Hood [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 1:52 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Peter Hood
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lanlan Hoo [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lanlan Hoo
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of James Hoover <act@fwwatch.org>
Sent: Sunday, June 18, 2017 3:53 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. James Hoover



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Vivian Hood <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Fracking is an obsolete method that many many Illinoisans oppose.
Please hear us.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Vivian Hood

A large black rectangular redaction box covering the signature area of the letter.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Joyce Hopkins <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Joyce Hopkins



Brown, Ronda

From: Jeff Hopkins [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, July 04, 2017 1:41 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jeff Hopkins
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kitty Hopper <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kitty Hopper



Brown, Ronda

From: Eric Hopp [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:07 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Eric Hopp
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Margaret Hormann [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 3:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Margaret Hormann
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diane Horan <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Diane Horan

A large black rectangular redaction box covering the signature area of the letter.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Karen Horn <act@fwwatch.org>
Sent: Sunday, June 25, 2017 9:52 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Karen Horn



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Chris Hornbacker <act@fwwatch.org>
Sent: Monday, June 19, 2017 12:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Chris Hornbacker



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of rob horner <act@fwwatch.org>
Sent: Saturday, June 17, 2017 8:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. rob horner



Brown, Ronda

From: Chris Hornbacker [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 11:10 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Chris Hornbacker
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Barbara Hosto-Marti [REDACTED]
Sent: Tuesday, June 27, 2017 3:57 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment on Woolsey Oil permit in White County, Illinois #HVHHF-000001

I am writing this comment to let you know that as an Illinois resident, I oppose the High Volume Hydraulic Fracturing Wells proposed by Woolsey Oil Company in White County, Illinois. My concern is about the safety of hydraulic fracturing and the associated wastewater storage injection wells. These wells have been associated with increased seismic activities in Oklahoma. The number of earthquakes in Oklahoma has increased exponentially in recent years and the USGSA as indicated that many of these can be attributed to human activity, specifically storage wells

Woolsey Oil Company plans to use these types of injection wells. This is particularly concerning since these wells are located in the Wabash Valley Seismic, indicating that the risk of increased seismic activity is even greater with this well site. Since insurance companies are not covering damages associated with these man-made earthquakes, this places the residents of Southern Illinois at significant economic risk.

I hope you will consider this concern as you evaluate the permit process.

Barbara J. Hosto-Marti
[REDACTED]

Brown, Ronda

From: Jerome Hossli [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 1:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jerome Hossli
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Deborah Howard <act@fwwatch.org>
Sent: Saturday, June 17, 2017 2:42 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Deborah Howard
General Delivery

████████████████████
Not needed
████████████████████

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Korbin Houston <act@fwwatch.org>
Sent: Friday, June 23, 2017 8:17 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Korbin Houston



Brown, Ronda

From: Annette Howell [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:04 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Annette Howell
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ryann Howard <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Ryann Howard



Brown, Ronda

From: Lynne V. Hoyer [REDACTED]
Sent: Tuesday, June 20, 2017 5:17 PM
To: DNR.HFPublicComments
Subject: [External] Oppose Review Number (HVHFF-000001)

I urge you to oppose all fracking in Illinois, Review Number (HVHFF-000001)

- The Environmental Protection Agency concluded that fracking has an impact on quality and/or quantity of drinking water.
- The United States Geological Survey concluded that “enhanced oil recovery and long-term production also contribute to seismicity at a few locations.”
- Over 200 peer reviewed studies demonstrate risks and harms of fracking unconventional gas and oil drilling and fracking related to the public health and safety.

Lynne Hoyer
[REDACTED]

Brown, Ronda

From: BOB HOY [REDACTED]
Sent: Tuesday, June 27, 2017 8:55 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

Dear Department of Natural Resources, State of Illinois,

I am writing to comment on the Woolsey application for a permit to use hydraulic fracking. The permit does not adequately explain how water quality will be monitored by the company.

The company's plan does not explain how it will follow the HFRA section governing Water Quality Monitoring. For example, the company does not identify a single sampling point. Also, the groundwater section is generic, making the application unacceptable.

The application does not how water quality test results will be interpreted. For example, instead of providing analytic procedures, the application states that the company plans to use a data analysis plan based on US EPA methodology. For such an important step in evaluating the water quality for the safety of residents living in the area of the company's activities, this is incomplete, making the application unacceptable. The applicant is required to submit a detailed plan that can be evaluated during the public comment period.

I urge the DNR to reject the application based on this incomplete plan. The public deserves to know specifically how the company, or its independent monitor is going to monitor water quality before the application is approved.

Robert Hoy
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Leona Hubatch <act@fwwatch.org>
Sent: Monday, June 19, 2017 9:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Leona Hubatch



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Martha Hoyle <act@fwwatch.org>
Sent: Saturday, June 17, 2017 3:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

If you have ever seen photos of a fracking site, you know the widespread devastation of surrounding land that is incurred.

With the reality of global warming, we need to cease pretending that environmentally devastating methods of extracting fuel are sustainable.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Martha Hoyle

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lindsey Hudak <act@fwwatch.org>
Sent: Saturday, June 17, 2017 4:51 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Lindsey Hudak



Brown, Ronda

From: Huber, Sonya R. [REDACTED]
Sent: Monday, May 29, 2017 7:30 PM
To: DNR.HFPublicComments
Subject: [External] Comment on (HVHHF-000001)

Dear Sir or Madam,

I was born in Illinois in the greater Chicagoland area and return to the state often to visit family and enjoy the sights, including Starved Rock State Park. I was very upset to learn that there is a proposal for fracking extraction of natural gas near the state park. In so many cases, including locations in other states where friends and family live, fracking has led to short-term profit for a company and long-term environmental destruction for local residents, including changes to geography and destruction of ground water potability. I am completely against this plan.

Sincerely,
Sonya Huber
Associate Professor, English
Fairfield University
[REDACTED]

Brown, Ronda

From: Bonnie Hudson [REDACTED]
Sent: Tuesday, June 13, 2017 7:50 AM
To: DNR.HFPublicComments
Subject: [External] Fracking

I wish to object strongly to fracking anywhere near the New Madrid Fault. Please listen to geologists and other scientists related to the dangers.

Sent from my iPhone

Brown, Ronda

From: Lindsey Hudak [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:56 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lindsey Hudak
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Cassandra Hudson <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 5:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Cassandra Hudson

[Redacted signature block]

Brown, Ronda

From: David Hudzinski [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:38 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

David Hudzinski
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Alice Huff [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 8:54 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Alice Huff
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Melodie Huffman <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Melodie Huffman



Brown, Ronda

From: Melodie Huffman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:22 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Melodie Huffman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Laura Hugg [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 8:36 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Laura Hugg
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Diane Lopez Hughes [REDACTED]
Sent: Tuesday, June 27, 2017 3:02 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

As a past commissioner of the Illinois Environmental Justice Commission, I am writing to share my objections to the Woolsey High Volume Hydraulic Fracturing Permit application. Among my concerns:

1. The application is lacks General Assembly and the IDNR-required information designed to protect public health and the environment.
2. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
3. Underground Freshwater Information- Document 4: Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.
4. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Furthermore, because it fails to address any methods or alternatives to minimize its water usage, the application does not meet the requirements for Water Source Management Plans. It would effectively harm the farmers in White County.

These are only some of my concerns. Since this first application will set precedent for other similar requests, it must reflect the best interests of the people of Illinois.

Please keep me informed regarding the outcome of this permit process.

Thank you,
Diane Lopez Hughes
[REDACTED]

Tell me, what is it you plan to do with your one wild and precious life?
Mary Oliver

Brown, Ronda

From: Ian Hughes [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:26 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ian Hughes
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Katie Hughes [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 10:43 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Katie Hughes
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kelky Hughes <act@fwwatch.org>
Sent: Wednesday, July 26, 2017 5:27 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

COMMENTS on HVHHF #000001: Supplemental Application Information

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Section 09: Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment:

Woolsey inadequately reports their plans and even intentions to monitor the volume of flowback water following injection to ensure that fugitive effluent is accounted for. Woolsey also inadequately represents the basis of their assumptions for necessary volume of flowback water storage.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment:

The threshold of feasibility is not defined, making it impossible for IDNR to determine whether methods for water withdrawal minimization were adequate or even considered by the applicant.

The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This usage directly competes with and over 275,000 acres of private, agricultural operations and animal operations bringing over \$9 million in revenue to the county.

No justification is given by the Applicant for the extreme volume of water proposed for use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Failure to address the extreme volume of water necessary for operations and to specify what minimization methods were used to determine the feasibility of sustained water usage against vulnerable users in the region presents a failure of the Water Source Management Plans.

Section 12: Casing & Cementing Plan

Section 12, Page 2: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions:

- Will IDNR ensure that inspectors are present at all settings and cementings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 12, Page 2: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions:

- Will IDNR ensure that inspectors are present for all said testing?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the BOP fail?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the BOP was successfully tested?

Section 12, Page 2 & Page 3: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR ensure that inspectors are present at all testings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the testing fail?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

I look forward to receiving your reply to these important questions before such a time as the permit is approved by the IDNR.

Sincerely,

Mrs. Kelky Hughes



Brown, Ronda

From: Bonnie Hulke [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bonnie Hulke
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lisa Humbert Nathaus <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Lisa Humbert Nathaus



Brown, Ronda

From: Ruth Humphrey [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 11:42 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

The most important thing we can do is to protect our environment and our drinking water. Without clean water, it makes no difference how much money we make.

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ruth Humphrey
[REDACTED]



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Thomas Humphrey <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Thomas Humphrey



Brown, Ronda

From: Alison Hunter <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:20 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Alison Hunter

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Karen Hunter [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, July 03, 2017 8:28 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karen Hunter
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Louise Husar <act@fwwatch.org>
Sent: Saturday, June 24, 2017 7:49 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Louise Husar



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of David Huseth <act@fwwatch.org>
Sent: Thursday, June 22, 2017 1:15 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. David Huseth



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sheryl Hutchinson <act@fwwatch.org>
Sent: Friday, June 23, 2017 10:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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According to a study by USGS earthquake activity has undergone a manifold increase in the U. S. midcontinent since 2009, principally in Oklahoma but also in Arkansas, Colorado, Kansas, New Mexico, and Texas. The nature of the space-time distribution of the increased seismicity, as well as numerous published case studies, strongly indicates that the increase is of anthropogenic origin, principally driven by injection of wastewater coproduced with oil and gas from tight formations. Enhanced oil recovery and long-term production also contribute to the rise in seismicity at a few locations.

Illinois has the New Madrid fault line that runs all the way up to Byron, IL. One of the worst earthquakes in history occurred here.

Please deny this permit for fracking in IL.
Sincerely,
S. Hutchinson



Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sheryl Hutchinson



Brown, Ronda

From: Sarah Hutton [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, July 16, 2017 8:22 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sarah Hutton
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kathleen Hyman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:07 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kathleen Hyman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dale Hynek [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:24 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dale Hynek
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Dorothy Hynous <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Dorothy Hynous



Brown, Ronda

From: Dorothy Hynous [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:02 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dorothy Hynous
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: antonio ibarra [REDACTED]
Sent: Friday, June 23, 2017 12:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

antonio ibarra
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lisa Iffland <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lisa Iffland



Brown, Ronda

From: John Iglori <info@actionnetwork.org>
Sent: Friday, June 23, 2017 5:39 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

John Iglori

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Gary Iles [REDACTED]
Sent: Wednesday, June 14, 2017 8:12 AM
To: DNR.HFPublicComments
Subject: [External] Support Fracking In Southern Illinois

I am writing to support fracking permits being issued to Woosley Operating Company to drill in Southern Illinois. The economy in southeastern Illinois is in need of a boost and I feel that fracking is the answer to kick start growth. As a landowner, tax payer and supporter of fracking, I am hopefully that DNR will approve the request by Woosley Operating Company for a drilling permit.

Please accept my support for fracking, review number is HVHHF-000001

Thanks, Gary

Brown, Ronda

From: Gina Iles [REDACTED]
Sent: Tuesday, June 27, 2017 8:58 AM
To: DNR.HFPublicComments
Subject: [External] Support Of Fracking in Southern Illinois

To Whom It May Concern:

I am writing to let you know I support fracking permits issued to Woosley Operating Company to drill in Southern Illinois.

The stimulus from fracking in this region would certainly help boost the much needed growth to the economy. We are a family who has owned land, and paid taxes for over 100 years in Illinois, and we back fracking.

Please support the application for a permit made by Woosley Operating Company.

The review number is HVHHF-000001.

Thank you,

Gina Iles

Sent from my iPad

Brown, Ronda

From: GlenSissy Iles [REDACTED]
Sent: Saturday, June 17, 2017 3:06 PM
To: DNR.HFPublicComments
Subject: [External] Fracking

I am writing to support fracking permits being issued to Woosley Operating Company to drill in Southern Illinois. The economy in southeastern Illinois is in need of a boost and I feel that fracking is the answer to kick start growth. As a landowner, tax payer and supporter of fracking, I am hopefully that DNR will approve the request by Woosley Operating Company for a drilling permit.

Please accept my support for fracking, review number is HVHHF-000001

Mr. & Mrs. Glen Iles

Brown, Ronda

From: Iles, Jane [REDACTED]
Sent: Wednesday, June 07, 2017 2:36 PM
To: DNR.HFPublicComments
Subject: [External] RE: HVHHF-000001

I am writing to support the application for a fracking permit from Woosley Operating Company.

Our country's GDP would increase should we be allowed to use hydraulic fracturing. In addition heating bills would be lower, unemployment would decrease and jobs would increase. It would be so nice to have natural gas in abundance rather than rely on Saudi Arabia's oil. In addition, the carbon dioxide emitted by burning natural gas is half as much as burning coal for the same purposes.

Southern Illinois needs new jobs, and a boost to our economy. Please support the application for a permit made by Woosley Operating Company.

The review number is HVHHF-000001,

Thank you,
Jane Iles

Jane Iles, R.Ph.

Pharmacy Coordinator

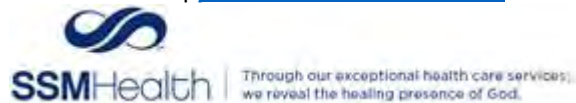
SSM Health Good Samaritan Hospital-Mt. Vernon

SSM Health St. Mary's Hospital-Centralia

1 Good Samaritan Way

Mt. Vernon, IL 62864

618.899.3447 | jane.iles@ssmhealth.com



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Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Aurora Insurriaga <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Aurora Insurriaga

A large black rectangular redaction box covering the signature area of the letter.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Raul Insurriaga <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Raul Insurriaga



Brown, Ronda

From: Jacqueline Ipsen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jacqueline Ipsen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ken Irwin <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

There is sufficient evidence showing that fracking has contaminated the water tables in numerous communities. It is not worth the risk to public safety.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Ken Irwin



Brown, Ronda

From: Benjamin Ishibashi [REDACTED]
Sent: Monday, June 26, 2017 9:38 PM
To: DNR.HFPublicComments
Subject: [External] Comment on Woolsey High Volume Fracking Permit HVHHF-000001)

To whom it may concern,

Please find my comments with respect to the Woolsey High Volume Fracking permit (Review Number HVHHF-000001 below.

In general, the Woolsey application is woefully lacking in data and information required by the General Assembly and the IDNR to protect public health and the environment. From the information that IS provided, a number of concerns arise, including but not limited to:

- Exceptionally large water withdrawals from groundwater resources are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption.
- Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate. --Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
- Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected
- Failure to preserve topsoil and an inadequate storm water management plan
- Deficient surface and groundwater sampling

Directional Drilling Plan- Document 3

1. Directional Drilling Plan- The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted- Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.
3. Inadequate Evidence to Establish the Lowest Potential Fresh Water - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHHF Operations Plan - Document 5

4. Failure to Clearly Identify Formation to be Stimulated - The permit fails to clearly identify the

formation that will be stimulated or fracked by the operation other than to state that the "drilling objective" is the New Albany Shale but later refers to the "objective" being the "Grassy Creek" shale and, later still, describes the "reservoir zone", and the Semier Shale as the "frac barrier." These terms are not synonymous and therefore both confusing and inadequate.

5. Failure to Clearly Identify the Confining Zone - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.
6. Missing Data - There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.
7. Confusing Data- The Role of the Selmer Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.
8. Inadequate Information- Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.
9. Missing Data- Surface Fracturing Pressure Range- This information is entirely missing.
10. No information on the Vertical Propagation of Fractures - One of the most important safety

features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. Missing Data-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

12. Data on Transmissive Faults Lacking - The potential for transmissive faults contiguous to HVHF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. Chemical Disclosure Plan The Document explicitly states that no trade secrecy claim will be

made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

Water Source Management Plan- Document 9

14. Failure to Propose Methods to Minimize Water Withdrawals One of the most important public

safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application’s Water Source Management Plan: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal

wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its

treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHWF of from “4.4 to 5 million gallons per well.”

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois’ reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant’s failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that “Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion.”

Concern about the inadequacy of Applicant’s efforts to minimize water use is further reinforced by plan’s only stated “method” for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly’s intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant’s Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the

hydraulic fracturing operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHFF water supply wells) and a surface water body (a stock

pond). A fourth potentially required water supply well may be drilled, and, if completed,

will be included in this monitoring program. (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. Inadequate information on Fracturing Fluids- The Applicant's Hydraulic Fracturing Fluids and

Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."

17. Unrealistic Rate of Flowback Recovery Proposed- The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. Inadequate Information on Storage Tanks- The application states that the storage tanks will meet the qualities for the "purpose built." There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. No Testing Plan for Flowback Water- This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. Use of Earthen Containment Berms- The plan states that the flowback storage tanks will be "enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume." No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR's numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. No Clarity for NORM Sampling to Undefined "Black Shale"- Section 3.2.10 of the Wellsite Safety

Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the

Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. Safety Considerations of the General Public- There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. The Containment Plan is completely inadequate. It fails to provide specific information on

capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. Missing Information in the Casing and Cementing Plan- The casing and cementing plan does

not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois’ regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. Traffic Avoidance of the Wabash River- The application plan fails to address the need to avoid

road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. The Certificate of insurance is insufficient to meet the requirements set by the HFRA and

should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. Specification of Earthquake area or floodplain missing or inadequate- The Department’s form

requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. Topsoil Plan Inadequate- The Department’s form requires that the Topsoil Preservation Plan

must be provided with “detail.” (“Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ...”). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that IS provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a “preservation” plan at all given this lack of detail.

Water Quality Monitoring Plan

29. Inadequate Water Quality Monitoring Plan- The HFRA section governing Water Quality

Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the

HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. Data Analysis Procedure Plan Inadequate- The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data Analysis Procedures." The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that "the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology." Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.
31. Water Quality Monitoring Work Plan is not "independent"- The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. Lack of Clarification on "Black Shale" subject to sampling- As stated in the previous comments

under Document 11, the Wellsite Safety Plan, the phrase "black shale" is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the "black shale" that will be tested pursuant to this requirement.

33. Need to Clarify If Filters Will Be Used and Tested for Radioactivity.- One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on- site and if so, how they will be managed.

Bond- Document 27

34. Insufficient bond- The bond amount identified in the application is in the amount of \$50,000

which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: "ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT."

The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Sincerely,

Ben Ishibashi

Brown, Ronda

From: Louisa Ishida [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Louisa Ishida
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Judith Izzi <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Judith Izzi



Brown, Ronda

From: Victoria Izzo [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 7:52 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Victoria Izzo
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: I J [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:35 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

I J
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Paula Jacko <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Paula Jacko



Brown, Ronda

From: Darrick Jackson [REDACTED]
Sent: Friday, July 28, 2017 1:14 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001

HVHHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey’s capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an “open book” test with the passage of the HFRA and have demonstrated they still can’t pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,

Rev. Darrick Jackson

ONE Northside/Fair Economy Illinois

[REDACTED]

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHHF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

COMMENTS

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.
3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water -** Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHHF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated -** The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the “drilling objective” is the New Albany Shale but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.
5. **Failure to Clearly Identify the Confining Zone -** Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.
6. **Missing Data -** There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.
7. **Confusing Data-** The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.
8. **Inadequate Information- Fracturing Pressure-** The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.
9. **Missing Data-** Surface Training Pressure Range- This information is entirely missing.
10. **No information on the Vertical Propagation of Fractures -** One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a

conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. **Missing Data**-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.
12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHWF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

Water Source Management Plan- Document 9

14. **Failure to Propose Methods to Minimize Water Withdrawals** One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application’s Water Source Management Plan: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHWF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of "reasonable use" of the state's groundwater and the regulatory requirement to "minimize water withdrawals as much as feasible" is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant's Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHHF water supply wells) and a surface water body (a stock pond). *A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program.* (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. **Inadequate information on Fracturing Fluids-** The Applicant's Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."
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19. **No Testing Plan for Flowback Water-** This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.
20. **Use of Earthen Containment Berms-** The plan states that the flowback storage tanks will be “enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume.” No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR’s numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. **No Clarity for NORM Sampling to Undefined “Black Shale”-** Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.
22. **Safety Considerations of the General Public-** There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. **The Containment Plan is completely inadequate.** It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. **Missing Information in the Casing and Cementing Plan-** The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois’ regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. **Traffic Avoidance of the Wabash River-** The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. **Specification of Earthquake area or floodplain missing or inadequate-** The Department's form requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate-** The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ..."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan

29. **Inadequate Water Quality Monitoring Plan-** The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.
30. **Data Analysis Procedure Plan Inadequate-** The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data Analysis Procedures." The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that "the method to be used under this plan is *based on* (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology." Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.
31. **Water Quality Monitoring Work Plan is not "independent"-** The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states

Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. **Lack of Clarification on “Black Shale” subject to sampling-** As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase “black shale” is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the “black shale” that will be tested pursuant to this requirement.
33. **Need to Clarify If Filters Will Be Used and Tested for Radioactivity.-** One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. **Insufficient bond-** The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is “not in the interest of the applicant to overuse water in the HVHHF process” but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application’s Water Source Management Plan*: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHHF of from “4.4 to 5 million gallons per well.”

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois’ reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source

Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHFF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**

- Which is correct?
- Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
- Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the "Wheel Wash" they describe will be installed and monitored at the location named?

Section 2.10 "Control of Other Air Emissions": Under the heading "Appropriate emission", it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: “During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820.”

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: “Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal” (sic). “Prior to testing the BOP, IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: “Prior to testing the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice

Page 1 of this section states: “If necessary, a public hearing is scheduled for the 02 day of August, 2017....”

Comments/Questions:

- Who determines if it is “necessary”?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Brown, Ronda

From: Dawn Jackson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 7:07 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dawn Jackson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kari Jackson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kari Jackson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: N Jackson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

N Jackson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Christine Jacobs [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Christine Jacobs
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Christine Jacobs <act@fwwatch.org>
Sent: Monday, June 26, 2017 11:54 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Christine Jacobs



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Billita Jacobsen <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:21 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Billita Jacobsen



Brown, Ronda

From: Jill Jaeger [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, July 25, 2017 7:37 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jill Jaeger
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jerome Jagla Jr [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jerome Jagla Jr
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Alexander James [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 9:13 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Sincerely,

Alexander James
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of HJ James <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Please apply the precautionary principle in reviewing Woolsey's application. There are less riskier alternatives than horizontal fracking.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. HJ James



Brown, Ronda

From: Timothy James [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 3:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.
7. Fracking is unregulated from the standpoint of the volatile organic compounds it introduces into the environment that pose an immediate danger to human health, particularly children. There is no regulation concerning disposal of these organics, particularly with regard to proximity to schools.
8. Oklahoma's experience shows a strong correlation with fracking and seismic activity, a new unwanted danger for Illinois.
8. Instead PLEASE let's do the obvious and work toward a revenue-neutral CARBON TAX and completely renewable energy sources such as wind and solar that don't depend on market failures for their very existence (a complete dissociation of the environmental and health costs of fossil fuels).

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Timothy James



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Greg Jameson <act@fwwatch.org>
Sent: Friday, July 07, 2017 1:17 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 7, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Greg Jameson



Brown, Ronda

From: Benjamin Ishibashi [REDACTED]
Sent: Monday, June 26, 2017 9:38 PM
To: DNR.HFPublicComments
Subject: [External] Comment on Woolsey High Volume Fracking Permit HVVHF-000001)

To whom it may concern,

Please find my comments with respect to the Woolsey High Volume Fracking permit (Review Number HVVHF-000001 below.

In general, the Woolsey application is woefully lacking in data and information required by the General Assembly and the IDNR to protect public health and the environment. From the information that IS provided, a number of concerns arise, including but not limited to:

- Exceptionally large water withdrawals from groundwater resources are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption.
- Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate. --Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
- Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected
- Failure to preserve topsoil and an inadequate storm water management plan
- Deficient surface and groundwater sampling

Directional Drilling Plan- Document 3

1. Directional Drilling Plan- The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted- Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.
3. Inadequate Evidence to Establish the Lowest Potential Fresh Water - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVVHF Operations Plan - Document 5

4. Failure to Clearly Identify Formation to be Stimulated - The permit fails to clearly identify the

formation that will be stimulated or fracked by the operation other than to state that the "drilling objective" is the New Albany Shale but later refers to the "objective" being the "Grassy Creek" shale and, later still, describes the "reservoir zone", and the Semier Shale as the "frac barrier." These terms are not synonymous and therefore both confusing and inadequate.

5. Failure to Clearly Identify the Confining Zone - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.
6. Missing Data - There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.
7. Confusing Data- The Role of the Selmer Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.
8. Inadequate Information- Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.
9. Missing Data- Surface Fracturing Pressure Range- This information is entirely missing.
10. No information on the Vertical Propagation of Fractures - One of the most important safety

features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. Missing Data-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

12. Data on Transmissive Faults Lacking - The potential for transmissive faults contiguous to HVHF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. Chemical Disclosure Plan The Document explicitly states that no trade secrecy claim will be

made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

Water Source Management Plan- Document 9

14. Failure to Propose Methods to Minimize Water Withdrawals One of the most important public

safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application’s Water Source Management Plan: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal

wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its

treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHWF of from “4.4 to 5 million gallons per well.”

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois’ reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant’s failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that “Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion.”

Concern about the inadequacy of Applicant’s efforts to minimize water use is further reinforced by plan’s only stated “method” for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly’s intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant’s Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the

hydraulic fracturing operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHFF water supply wells) and a surface water body (a stock

pond). A fourth potentially required water supply well may be drilled, and, if completed,

will be included in this monitoring program. (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. Inadequate information on Fracturing Fluids- The Applicant's Hydraulic Fracturing Fluids and

Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."

17. Unrealistic Rate of Flowback Recovery Proposed- The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.
18. Inadequate Information on Storage Tanks- The application states that the storage tanks will meet the qualities for the "purpose built." There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.
19. No Testing Plan for Flowback Water- This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.
20. Use of Earthen Containment Berms- The plan states that the flowback storage tanks will be "enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume." No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR's numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. No Clarity for NORM Sampling to Undefined "Black Shale"- Section 3.2.10 of the Wellsite Safety

Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the

Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. Safety Considerations of the General Public- There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. The Containment Plan is completely inadequate. It fails to provide specific information on

capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. Missing Information in the Casing and Cementing Plan- The casing and cementing plan does

not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois’ regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. Traffic Avoidance of the Wabash River- The application plan fails to address the need to avoid

road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. The Certificate of insurance is insufficient to meet the requirements set by the HFRA and

should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. Specification of Earthquake area or floodplain missing or inadequate- The Department’s form

requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. Topsoil Plan Inadequate- The Department’s form requires that the Topsoil Preservation Plan

must be provided with “detail.” (“Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ...”). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that IS provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a “preservation” plan at all given this lack of detail.

Water Quality Monitoring Plan

29. Inadequate Water Quality Monitoring Plan- The HFRA section governing Water Quality

Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the

HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. Data Analysis Procedure Plan Inadequate- The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data Analysis Procedures." The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that "the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology." Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.
31. Water Quality Monitoring Work Plan is not "independent"- The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. Lack of Clarification on "Black Shale" subject to sampling- As stated in the previous comments

under Document 11, the Wellsite Safety Plan, the phrase "black shale" is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the "black shale" that will be tested pursuant to this requirement.

33. Need to Clarify If Filters Will Be Used and Tested for Radioactivity.- One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on- site and if so, how they will be managed.

Bond- Document 27

34. Insufficient bond- The bond amount identified in the application is in the amount of \$50,000

which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: "ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT."

The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Sincerely,

Ben Ishibashi

Brown, Ronda

From: Dominic Jankowski [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:46 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dominic Jankowski
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lisa Janoschka <info@actionnetwork.org>
Sent: Friday, June 23, 2017 11:09 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I am asking you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing (fracking) pollutes our air, water and soil with toxic, carcinogenic and radioactive materials. They are not even required to list the chemicals involved! The chemical water gets injected into our Illinois earth, forever polluting it.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Lisa Janoschka

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Donna Janovsky <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Donna Janovsky



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Dale Janssen <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Dale Janssen



Brown, Ronda

From: Dale Janssen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dale Janssen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Iwona Jasiuk <act@fwwatch.org>
Sent: Wednesday, June 21, 2017 3:12 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Iwona Jasiuk



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Eric Jason <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 9:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Eric Jason



Brown, Ronda

From: linda.jenings [REDACTED]
Sent: Friday, July 28, 2017 8:51 AM
To: DNR.HFPublicComments
Subject: [External] Chemical Disclosure Report with Woolsey Fracking

My name is Linda Jennings and I am a retired Registered Nurse, having worked as a RN for over 30 years. I am submitting my comments on the above referenced application for fracturing permit from Woolsey. I am specifically commenting on the Chemical Disclosure Report-Documents 7. The document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on "composition/Information on Ingredients" lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- Ocyalkylated alkylphenol (10-20% of total mixture)
- Fatty acids (5-10% of total mixture)
- Complex alkylaryl polyo-ester (5-10% of total mixture)
- Acetylineic alcohol (1-5% of total mixture)

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of "Trade Secret."

As stated above, I am a Registered Nurse and as such I am compelled to comment on the Application to fracture by Woolsey, HVVHF #000001. I am most particularly concerned with the idea that "trade secret" chemicals are being hidden on the application by this company. If healthcare providers are unaware of the contents of these "trade secret" chemicals, how are we expected to provide care for workers or protect ourselves in case of exposure?

In nursing practice we are constantly updated about the latest in best practices and what will best protect our patients and the communities we serve. How are we, then expected to do this when our lives could be in danger from exposure from treating an exposed worker or injured worker to chemicals that are kept secret.

Given the unknown risks if the content of those chemicals are "trade secrets" and healthcare providers are unable to access their properties, then I demand that the supplemental application for HVVHF #000001 is denied.

Respectfully Submitted,
Linda Jennings

Brown, Ronda

From: Kathryn [REDACTED]
Sent: Monday, June 26, 2017 4:54 PM
To: DNR.HFPublicComments
Subject: [External] Fracking Permit Review Number HVHHF-000001

June 26, 2017

Illinois Department of Natural Resources
Attention: Oil and Gas Regulatory Staff
1 Natural Resources Way
Springfield, IL 62702

Dear Sir or Madame:

This email is in regard to Review Number (HVHHF-000001), the fracking permit request made by Woolsey Operating Company, Wichita, Kansas. I urge you to deny this fracking permit.

As taxpayers, all Illinoisans have a right to clean air, land, and water. We have the right to believe our environment will be protected by the state (and federal) government so that it will remain clean for the future, for for our children and grand children. As the manager of our state's natural resources, it is your responsibility to recognize the current scientific data that proves hydraulic fracking causes harm to the environment in countless ways and chemicals used in fracking are carcinogenic.

Added to the harmful effects of fracking is that this permit would allow fracking in the Wabash Seismic zone, a known active fault area. Dr. Douglas Wiens, professor of earth and planetary sciences in Arts & Sciences at Washington University in St. Louis has stated in a 2008 article, "I think everyone's interested in the Wabash Valley Fault because a lot of the attention has been on the New Madrid Fault, but the Wabash Valley Fault could be the more dangerous one, at least for St. Louis and Illinois," said Wiens. "The strongest earthquakes in the last few years have come from the Wabash Valley Fault, which needs more investigation." His concerns and those of other scientists provide evidence that allowing a permit in the area of the active Wabash Seismic zone is a recipe for disaster. Scientists studying the incidence of earthquakes in the areas of fracking activity in Oklahoma have confirmed that fracking activity and waster water disposal, injecting the wastewater back into the ground, does cause earthquakes. Nothing is worth destabilizing an already active seismic zone.

Knowing the area in the permit request is above the very active Wabash seismic zone, has appropriate seismic monitoring to establish current seismicity in the area of interest been carried out? Has there been application of suitable ground motion prediction models to assess the potential impact of any induced earthquakes? How can you ensure well integrity when the oil industry itself still admits they cannot guarantee it?

Where are the millions of gallons of water required for fracking going to come from and what will be the impact on local water sources? How can anyone know what the long-term environmental impact will be? Half of this fluid will never reemerge from the well and therefore will remain in the environment. How can you regulate for this? And how will you monitor the disposal of the fracking water that comes back to the surface? Will the already burden Illinois taxpayers end up footing the bill for environmental clean ups?

At a time when Illinois is struggling financially, we cannot afford to be risk takers. Fracking has proven to be a boom and bust industry so granting this permit would be a gamble Illinois will lose.

Please do not approve this permit.

Yours truly,

Kathryn Jenkel



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Eve Jennings <act@fwwatch.org>
Sent: Monday, June 26, 2017 11:24 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Please don't do this. Illinois citizens deserve better.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Eve Jennings



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Eric Jensen <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Eric Jensen



Brown, Ronda

From: Lisa Jensen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:22 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lisa Jensen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Rasmus Jensen <info@actionnetwork.org>
Sent: Friday, June 23, 2017 3:06 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

With kind regards

A concerned member of the public

Rasmus Jensen

Rasmus Jensen
[Redacted]
[Redacted]
[Redacted]

Brown, Ronda

From: Thomas Jensen <info@actionnetwork.org>
Sent: Tuesday, June 27, 2017 9:58 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Thomas Jensen

[Redacted signature block]

Brown, Ronda

From: Carol Jernigan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:44 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carol Jernigan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Maynard Jerome [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:48 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Both Ohio and Oklahoma have experienced HUGE increases in earthquake activity after going on fracking frenzies. We don't need that in Illinois, especially in light of having the New Madrid fault to contend with already. Fracking could possibly aggravate that.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Maynard Jerome
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Vicki Jevne <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Vicki Jevne



Brown, Ronda

From: Vicki Jevne [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:31 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Vicki Jevne
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Elena Maria Jimenez [REDACTED]
Sent: Thursday, July 27, 2017 9:18 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

To Whom It May Concern,

I am writing to submit a public comment on the permit request to allow fracking in Illinois (review number HVHHF-000001).

Please do not allow fracking in our beautiful state. There is evidence that fracking contributes to both toxic air and water pollution in nearby communities. The methane leakage produced by fracking is a significant contributor to climate change.

Please protect our air, our drinking water, our climate, and our planet. Don't bring fracking to Illinois. No amount of money or energy resources could be worth the potential harm.

Thank you.

Sincerely,
Elena Jimenez

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Gabriel Jimenez-Ekman <act@fwwatch.org>
Sent: Friday, July 28, 2017 11:31 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 28, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

COMMENTS on HVHHF #000001: Supplemental Application Information

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Section 09: Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment:

Woolsey inadequately reports their plans and even intentions to monitor the volume of flowback water following injection to ensure that fugitive effluent is accounted for. Woolsey also inadequately represents the basis of their assumptions for necessary volume of flowback water storage.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment:

The threshold of feasibility is not defined, making it impossible for IDNR to determine whether methods for water withdrawal minimization were adequate or even considered by the applicant.

The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This usage directly competes with and over 275,000 acres of private, agricultural operations and animal operations bringing over \$9 million in revenue to the county.

No justification is given by the Applicant for the extreme volume of water proposed for use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Failure to address the extreme volume of water necessary for operations and to specify what minimization methods were used to determine the feasibility of sustained water usage against vulnerable users in the region presents a failure of the Water Source Management Plans.

Section 12: Casing & Cementing Plan

Section 12, Page 2: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions:

- Will IDNR ensure that inspectors are present at all settings and cementings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 12, Page 2: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions:

- Will IDNR ensure that inspectors are present for all said testing?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the BOP fail?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the BOP was successfully tested?

Section 12, Page 2 & Page 3: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR ensure that inspectors are present at all testings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the testing fail?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

I look forward to receiving your reply to these important questions before such a time as the permit is approved by the IDNR.

Sincerely,

Mr. Gabriel Jimenez-Ekman



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Gabriel Jimenez-Ekman <act@fwwatch.org>
Sent: Monday, June 19, 2017 9:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Gabriel Jimenez-Ekman



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Gabriel Jimenez-Ekman <act@fwwatch.org>
Sent: Monday, June 19, 2017 9:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Gabriel Jimenez-Ekman



Brown, Ronda

From: Jamie Johannsen [REDACTED]
Sent: Monday, June 26, 2017 5:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Jamie Johannsen
[REDACTED]

Brown, Ronda

From: Amy Johnson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 10:45 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Amy Johnson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Calvin Johnson <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Denying Wolsey Operating Company LLC a permit to pollute our air, water and soil tis the only sane answer to protect Illinoisans from harm due to fracking. Deny, deny and deny!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Calvin Johnson



Brown, Ronda

From: Carl Johnson [REDACTED]
Sent: Friday, July 28, 2017 4:14 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF # 000001

I opposed the frack permit

Brown, Ronda

From: Claire Johnson [REDACTED]
Sent: Thursday, June 22, 2017 10:12 PM
To: DNR.HFPublicComments
Subject: [External] Objection to HVHHF-27/28

Dear DNR Staff,

My name is Claire Johnson and I live at [REDACTED]. I strongly oppose hydraulic fracturing in any form in Illinois and ask that you deny the application from the Woolsey Operating Company (HVHHF-27/28).

Fracking threatens water and soil quality, causes earthquakes where there were none before, and is associated with unsafe working conditions and a higher rate of work related deaths. It is not the solution to the budget crisis and at best will only create a cycle of boom and bust. As scientists and policy makers I hope you fully consider the negative and lasting impacts of fracking in Illinois.

Thank you for your time,
Claire Johnson

Brown, Ronda

From: Curt Johnson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 9:28 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

Please do not approve the fracking permit to the Woolsey Operating Company, LLC. We do not need more water pollution in Illinois.

Sincerely,

Curt Johnson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Cynthia Johnson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 12:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cynthia Johnson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Debbie Johnson <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Debbie Johnson



Brown, Ronda

From: George Johnson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:21 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

George Johnson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Heather Johnson <info@actionnetwork.org>
Sent: Monday, June 26, 2017 9:40 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Heather Johnson

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Kathy Johnson [REDACTED]
Sent: Tuesday, June 27, 2017 2:40 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment on Review Number (HVHHF-000001)

ie: Review Number HVHHF-000001

In regards to the Woolsey Operating Company LLC application to the permit to the Illinois Department of Natural Resources to drill our state's first High Volume Horizontal Hydraulic Fracking well. Woolsey Energy owned and operated a frack well that exploded in 2014 and a lawsuit from the injured party is still in process.

The wells endanger the safety of Illinois communities. Fracking has been documented to contribute to water contamination, air pollution, and EARTHQUAKES(see Oklahoma) all which leads to long term health issues. We should be moving towards more clean energy, not fossil fuel production and consumption. Do not let Illinois fall victim to this and turn Illinois into a wasteland filled with toxicity and earthquakes. STOP THIS NOW.

Thank you
Kathy Johnson
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Keran Johnson <act@fwwatch.org>
Sent: Sunday, June 25, 2017 3:22 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I just saw a news item about fracking in OK and how they are experiencing 200 earthquakes per year, compared to virtually none before fracking began in 2005. The world is concerned about potable drinking water right now. Fracking uses thousands and thousands of gallons of water that has been ruined for drinking afterwards. Illinois is on the fault line for earthquakes. With my limited knowledge about fracking and earthquakes at least there are three reasons that I'm certain of and I have mentioned which convince me fracking is not a good thing for Illinois. Therefore, I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Again, hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Keran Johnson



Brown, Ronda

From: Louise Johnson <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Louise Johnson

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Penny Johnson <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Honestly, if this venture goes forward, you are putting \$ before the health of all life in the vicinity of the well. This is morally wrong.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Penny Johnson



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sherrill Johnson <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Sherrill Johnson



Brown, Ronda

From: Debbie Johnson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 8:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Debbie Johnson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Amity Johnston <act@fwwatch.org>
Sent: Monday, June 19, 2017 10:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Amity Johnston



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Eric Johnston <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Eric Johnston



Brown, Ronda

From: Steve Johnston [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Steve Johnston
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Heather Johnstone [REDACTED]
Sent: Thursday, July 27, 2017 7:51 AM
To: DNR.HFPublicComments
Subject: [External] I oppose HVHHF-000001

I oppose fracking in IL and so HVHHF-000001. Do not approve fracking in IL as it will increase our risk of earthquakes, contaminate our water supply and worsen our air quality.

Thank you.
Heather Johnstone

[REDACTED]

Sent from my iPhone

Brown, Ronda

From: Heather Johnstone [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 12:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Heather Johnstone
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Heather Johnstone [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, June 28, 2017 9:21 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Heather Johnstone
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nicole Joice <act@fwwatch.org>
Sent: Saturday, June 17, 2017 1:42 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Nicole Joice



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Andrea Jones <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:20 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Andrea Jones



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Andrea Jones <act@fwwatch.org>
Sent: Saturday, June 24, 2017 1:50 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Andrea Jones



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Angela Jones <act@fwwatch.org>
Sent: Wednesday, June 28, 2017 3:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 28, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Angela Jones



Brown, Ronda

From: Bridget Jones [REDACTED]
Sent: Monday, July 03, 2017 9:38 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Bridget Jones
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Celia Jones <act@fwwatch.org>
Sent: Saturday, June 24, 2017 6:20 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Celia Jones



Brown, Ronda

From: Celia Jones [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:44 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Celia Jones
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Charlotte Jones [REDACTED]
Sent: Sunday, July 23, 2017 12:36 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of the People's Lobby and Reclaim Chicago regarding Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

After reading the comments about this request I can see that the Woolsey application is woefully inadequate. There are many generalities and deficiencies in their application and supplemental information. Too many to mention here, but a few of them will hopefully suffice to show this company should not be allowed anywhere near our state of Illinois.

- 1) Their overuse of water, by twice the amount usual for these operations. They provide no method to be used to minimize water withdrawals. This in a state that has had two severe and longlasting droughts in the last ten years. This is also a violation of Illinois' reasonable use doctrine.
- 2) Woolsey has provided a Directional Drilling Plan where drilling lengths and depths do not match the depth in the scaled cross-section. Without accurate information do we actually believe we can trust Woolsey to drill in our state?
- 3) Woolsey has failed to provide Geological Survey Data. This data is critical to insure that freshwater will not be contaminated.

There are 12 pages of information like the above to describe missing data, confusing data, inadequate information, and no information on important issues. These 12 pages describe why Woolsey's permit application is totally unacceptable and a permit must be denied.

Also, considering we are in an eight-state area that is affected by the New Madras Fault, still the company does not identify if the wellsite location is in an earthquake area or a regulatory floodplain. This is another requirement the company has ignored. We don't need to wake up or even tickle this sleeping giant of a fault.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete application to engage in high volume horizontal fracking.

Woolsey should not be given a permit to engage in fracking in the state of Illinois – Southern Illinoisans' water supplies, health, safety and livelihoods are at risk.

Sincerely,

Charlotte Jones

[REDACTED]

Brown, Ronda

From: Charlotte Jones [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:58 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Charlotte Jones
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of David Jones <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. David Jones



Brown, Ronda

From: Gary Jones [REDACTED]
Sent: Thursday, July 06, 2017 2:04 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

Frack, no! Take a flying frack in a rolling doughnut.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Gary Jones
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Griffin Bonnin Jones [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:10 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Griffin Bonnin Jones
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kenneth Jones [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 10:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kenneth Jones
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Nancy Jones [REDACTED]
Sent: Friday, July 28, 2017 12:16 PM
To: DNR.HFPublicComments
Subject: [External] HVVHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,

Nancy Jones

ONE Northside/Fair Economy Illinois
[REDACTED]

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVVHF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

COMMENTS

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.
3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water** - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVVHF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated** - The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the "drilling objective" is the New Albany Shale

but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.

5. **Failure to Clearly Identify the Confining Zone** - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.
6. **Missing Data** - There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.
7. **Confusing Data**- The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.
8. **Inadequate Information**- Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.
9. **Missing Data**- Surface Training Pressure Range- This information is entirely missing.
10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.
11. **Missing Data**-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.
12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

Water Source Management Plan- Document 9

14. **Failure to Propose Methods to Minimize Water Withdrawals** One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application’s Water Source Management Plan: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVVHF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of "reasonable use" of the state's groundwater and the regulatory requirement to "minimize water withdrawals as much as feasible" is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant's Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHF water supply wells) and a surface water body (a stock pond). *A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program.* (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. **Inadequate information on Fracturing Fluids-** The Applicant's Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."

17. **Unrealistic Rate of Flowback Recovery Proposed-** The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. **Inadequate Information on Storage Tanks-** The application states that the storage tanks will meet the qualities for the "purpose built." There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. **No Testing Plan for Flowback Water-** This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. **Use of Earthen Containment Berms-** The plan states that the flowback storage tanks will be "enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume." No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR's numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. **No Clarity for NORM Sampling to Undefined "Black Shale"-** Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material ("NORM"). This section limits the drill cuttings to be tested for radioactivity to "black shale." Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the "black shale" subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be "black shale," in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. **Safety Considerations of the General Public-** There is virtually no consideration given to the safety of members of the general public that may be in the site's vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. **The Containment Plan is completely inadequate.** It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the "earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. **Missing Information in the Casing and Cementing Plan-** The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois' regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. **Traffic Avoidance of the Wabash River-** The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. **Specification of Earthquake area or floodplain missing or inadequate-** The Department's form requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate-** The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil ..."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

Water Quality Monitoring Plan

29. **Inadequate Water Quality Monitoring Plan-** The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. **Data Analysis Procedure Plan Inadequate-** The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data Analysis Procedures." The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that "the method to be used under this plan is *based on* (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology." Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

31. **Water Quality Monitoring Work Plan is not "independent"-** The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill

of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. **Lack of Clarification on "Black Shale" subject to sampling-** As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase "black shale" is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the "black shale" that will be tested pursuant to this requirement.

33. **Need to Clarify If Filters Will Be Used and Tested for Radioactivity.-** One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. **Insufficient bond-** The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: "ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT." The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is "not in the interest of the applicant to overuse water in the HVHF process" but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible."* This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHFF of from "4.4 to 5 million gallons per well."

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHFF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**
 - Which is correct?
 - Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
 - Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the "Wheel Wash" they describe will be installed and monitored at the location named?

Section 2.10 "Control of Other Air Emissions": Under the heading "Appropriate emission", it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: "During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820."

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Tony Jones <act@fwwatch.org>
Sent: Monday, June 19, 2017 11:48 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Tony Jones



Brown, Ronda

From: Charlotte Jones [REDACTED]
Sent: Friday, June 23, 2017 7:10 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Also, this very company is involved in a court case that remains UNRESOLVED over an EXPLOSION at one of its sites. We don't need this dangerous practice in Illinois.

Charlotte Jones
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Margaret Jongleux [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 7:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Illinois is the most significant source of pollution to the Mississippi River. We should be increasing protection.

Illinois cannot afford to suffer the systemic earthquake activity that other fracking locations have endured.

Ban fracking in Illinois.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Margaret Jongleux
[REDACTED]



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Martina Jonsson <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:20 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Martina Jonsson



Brown, Ronda

From: Judy Jordan [REDACTED]
Sent: Friday, July 28, 2017 4:47 PM
To: DNR.HFPublicComments
Subject: [External] HVHFF#000001

PUBLIC COMMENTS FOR IDNR REVIEW NUMBER HVHFF #000001

TO: Illinois Department Of Natural Resources
Attention: Oil and Gas Regulatory Staff
One Natural Resources Way
Springfield, IL 62702

The undersigned makes the following public comments concerning Woolsey Operating Company LLC's application for a high-volume horizontal hydraulic fracturing permit in Illinois, including its supplemental documents. The application is more fully described as follows:

HVHFF #1, White County
IDNR Review Number HVHFF #000001
Applicant: Woolsey Operating Company, LLC, a Kansas limited liability corporation
Location: Between Springerton and Enfield, about 1.3 miles west of US Route 45;
the site is bounded by County Road 1825 N on the north,
County Road 50E on the west, and County Road 1725 N to the south
Information located online
at: <https://www.dnr.illinois.gov/OilandGas/Pages/PendingPermitApplications.aspx>

My concerns are simple. i do not understand why you are going to allow this company to destroy our property values. Fracking has hapoened enough in enough areas for us to know, without doubt that it causes earthquakes. Well i checked my homeowners insurance. You have to specificalky request earthquake insurance. how many residents have done so? Plus, after calling 5 insurance companies it is painfully ckear that there is only complete loss earthquake insurance available with huge 10 to 20% deductible. Oklahoma showed us that the earthquakes will be big enough to break windows, break possessions, destroy foundations but not complete loss. So who pays for that? not the fracking company and not the homeowners insurance. so who? and when property value drops who makes up for the loss in revenue to the state?

plus Vernal Utah fracking studies have proven without doubt that fracking kills KILLS babies, both born infants and fetuses. how can you even consider bringing this to our state?

All the studies in the last years show without doubt that radiation is released, cancer rates go up, infants die, miscarriages increase, crime rates go up, and earthquakes increase and prooertyvalues fall incredible amounts, sometimes going from over 100,000 value to less than 10,000 . fracking will destroy illinois. i urge you to look at all the new studies in the past few years and actual events in places like oklahoma and Vernal, Utah and dont let this happen to illinois.

The undersigned urges you to uphold your duty to protect Illinois' natural resources and our public health and safety, by denying Woolsey Operating Company LLC's well permit application (HVHHF-000001).

Thank you for your consideration.

Judy Jordan



Message not delivered

Your message couldn't be delivered to DNRHFPublicComments@illinois.gov because the remote server is misconfigured. See technical details below for more

Brown, Ronda

From: Bob Jorgensen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 12, 2017 2:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bob Jorgensen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ann Joseph [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ann Joseph
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: C Jost [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

C Jost
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Carol Juen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 4:31 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001.

I do not want to see fracking in Illinois.

Fracking not only harms the environment but is a direct threat to the health of people residing in our state and especially the areas where the wells are located. Areas of the country which have supplied coal to fuel industry in our country, and around the world, have become sacrifice zones. The extraction corporations pulled out the coal and pocketed the money from the sales and left behind a polluted and destroyed environment and people with generational health issues. We must allow the same to happen to Illinois with fracking. It is time to transition to clean energy and the creation of jobs that are sustainable and move our state forward as a leader in renewable energy.

The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carol Juen



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Craig Junker <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Craig Junker



Brown, Ronda

From: Catherine Jurgensen [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:18 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Catherine Jurgensen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Daniel Juroff <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Daniel Juroff



Brown, Ronda

From: Daniel Juroff [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:22 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Daniel Juroff
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ted T Juske [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:32 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ted T Juske
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: George Kacouris [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:36 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

George Kacouris
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kadansky, Richard S. (MPC) [REDACTED]
Sent: Thursday, June 22, 2017 9:40 AM
To: DNR.HFPublicComments
Subject: [External] "Marathon Petroleum Comment Letter for Woolsey Permit Application Review #HVHHF-000001"
Attachments: MPC Woolsey Permit Application Review #HVHHF-000001 IL DNR Comment Letter FINAL - June 21, 2017.pdf
Importance: High

To the IL DNR Oil & Gas Regulatory Staff,

Please find attached Marathon Petroleum Company's comment letter in support of the Woolsey Operating Company's application for a high volume horizontal hydraulic fracturing permit pertaining to the production of gas in White County, Illinois.

Application review number HVHHF-000001.

Well to be known as Woodrow No. 1H-310408-193.

Please don't hesitate to contact me using the information below if anyone has any questions.

Many thanks,

Richard S. Kadansky
State Governmental Affairs Manager
Marathon Petroleum Company LP
John Hancock Center
875 North Michigan Avenue, Suite 3100
Chicago, Illinois 60611-1962
Office (312) 373-3797
Cell (312) 632-0217
E-Mail rskadansky@marathonpetroleum.com
www.marathonpetroleum.com



Brown, Ronda

From: E Kadera [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:18 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

E Kadera
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: e kadera [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 5:49 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

NO to fracking in Illinois. No to earth quakes which are caused by this fracking. No to the water pollution which is also caused by this fracking. KEEP FRACKING OUT of Illinois!

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

e kadera
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: e kadera [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:28 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

e kadera
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Norman Kaeseberg [REDACTED]
Sent: Friday, July 28, 2017 3:29 PM
To: DNR.HFPublicComments
Subject: [External] Fracking

Shame

Brown, Ronda

From: Marie Kahle [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:00 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marie Kahle
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Chris Kaihatsu <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Chris Kaihatsu



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lois Kain <act@fwwatch.org>
Sent: Wednesday, June 21, 2017 10:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I write to ask you to deny Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001). The people of Illinois and our precious natural resources deserve your protection from the real and proven dangers that come with hydraulic fracturing.

In 2012, Rex Tillerson, Trump's Secretary of State and former CEO of Exxon, joined a lawsuit to stop a 160 ft. water tower that would supply water for fracking wells from being built in their luxury Texas community. Their reasons: Violates town's zoning ordinance, lights on at all hours, heavy trucks creating noise nuisance and traffic hazards at all and unknown hours, noise from mechanical and electrical equipment, dangers for children. Basically, "an unbearable nuisance".

Tillerson called it "...a legal 'takings' of my way of life."

That was just his little corner of America. Out in the rest of the country, like White County, Illinois, we can add dangers of earthquakes, radioactive wastewater, floodplain issues, unreasonable and unfair usage of our precious fresh water, air and water contamination, and serious health issues. We don't have to guess at what will happen because hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

The explosion in January 2014 of the Woolsey Sams well (#1-040209-191) is a fair warning of what is to come. We know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins, noxious fumes, and a 24 hour blaring torch of fire.

Don't frack Illinois.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lois Kain



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rita Kain <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Rita Kain



Brown, Ronda

From: Rita Kain [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:08 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rita Kain
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Sue Kaiser [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 12:08 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sue Kaiser
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Gina Kalama <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Gina Kalama



Brown, Ronda

From: Kristin Kalamatas [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kristin Kalamatas
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mariette Kalbac [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:27 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Sincerely,

Mariette Kalbac
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lois Kalish <act@fwwatch.org>
Sent: Sunday, June 18, 2017 11:46 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Lois Kalish



Brown, Ronda

From: Lois Kalish [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:13 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lois Kalish
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kaara Kallen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:11 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kaara Kallen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kevin Kalmes [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kevin Kalmes
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Tom Kalnes [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:17 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Tom Kalnes
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Henry Kamrath <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Henry Kamrath



Brown, Ronda

From: Henry Kamrath [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:48 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Henry Kamrath
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of vicki kane <act@fwwatch.org>
Sent: Saturday, June 17, 2017 1:49 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. vicki kane



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nadia Kanhai <act@fwwatch.org>
Sent: Sunday, June 18, 2017 12:44 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Nadia Kanhai



Brown, Ronda

From: Maggie Kantor <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:24 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Maggie Kantor

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Kimberly Kapica [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:00 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kimberly Kapica
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sara Kaplan <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sara Kaplan



Brown, Ronda

From: Sara Kaplan <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:30 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sara Kaplan

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Sara Kaplan [REDACTED]
Sent: Monday, June 26, 2017 4:50 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sara Kaplan
[REDACTED]

Brown, Ronda

From: Sara Kaplan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:05 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sara Kaplan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Yvonne karathanasis <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Sincerely,

Mrs. Yvonne karathanasis



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Yvonne karathanasis <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

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Sincerely,

Mrs. Yvonne karathanasis



Brown, Ronda

From: Donald C. Karcz Sr. [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 7:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Donald C. Karcz Sr.
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marilyn Karim <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Illinois to this point has been prudent and fortunate to have not joined in the fracking mania which has left states such as Pennsylvania, California, Oklahoma, etc., with environmental messes.

We have been spared earthquakes, farm animal deaths, explosions, contaminated wells, and a host of other problems because of this. At a time when the world is turning to clean, renewable energy, the wisdom of investing in such a risky venture seems very unwise. Please protect our state from the disasters that are rampant in the fracking industry. What little short-term gain we may reap is heavily outweighed by the potential destruction of our ground water, now more valuable than oil, and our air. This process is dangerous to our citizens' health, as well, and could lead to increased health care costs. Economically and environmentally, it makes no sense.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Marilyn Karim

A large black rectangular redaction box covering the signature area of the letter.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jennifer Karl <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

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Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Jennifer Karl



Brown, Ronda

From: Ellen Karmin [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ellen Karmin
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lorrayne Karmis [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lorrayne Karmis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mr. Stephen S. Karnes <act@fwwatch.org>
Sent: Sunday, June 18, 2017 9:16 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I strongly urge you to please protect our Illinois' natural resources and,our children's future , and our present and future public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Mr. Stephen S. Karnes



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Karpiak <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mary Karpiak



Brown, Ronda

From: Mary Karpiak [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:55 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Karpiak
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kathleen Kasak <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Fracking is poisoning our planet! We have energy alternatives. We must use those alternatives and invest in those alternatives. Once our water has turned to poison by greedy gas and oil companies, how will we all survive? Must we accept the genetic deformities and cancers that will come with poisoned water? NO!

Protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Kathleen Kasak

A large black rectangular redaction box covering the signature area of the letter.

Brown, Ronda

From: DIANE KASTEL [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

My family and I are **IMPLORING** you, in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001! The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted! For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located!

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment!

Sincerely,

DIANE KASTEL
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Donna Katz <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Donna Katz



Brown, Ronda

From: Donna Katz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:06 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Donna Katz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Richard Katz <info@actionnetwork.org>
Sent: Friday, June 23, 2017 2:04 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHFF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHFF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Richard Katz

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Susan Kauffman <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Susan Kauffman



Brown, Ronda

From: Susan Kauffman [REDACTED]
Sent: Tuesday, June 27, 2017 9:53 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Susan Kauffman
[REDACTED]

Brown, Ronda

From: Denise Kaufman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Denise Kaufman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Susan J. Kaufman [REDACTED]
Sent: Tuesday, June 13, 2017 4:09 PM
To: DNR.HFPublicComments
Subject: [External] Woolsey Operating Company, LLC, review number HVHHF-00000

I am submitting the following as a public comment in reference to Woolsey Operating Company, LLC's application for a High Volume Hydraulic Fracturing permit, review number HVHHF-00000.

It came as a shock to me, that given the ongoing research into the relationship of fracking processes to increased occurrences of earthquakes, there appears to be an effort to push through the referenced application by Woolsey Operating Company, without adequate review, study and investigation by the scientific community. The public has had very little awareness of this request. With such a broad stretch of geography, geology, involved, it would seem important to me that much more study, and greater public review be brought to the application. Water supplies, the impact on food producing agricultural sites, must be considered, as should be the health and welfare of our citizenry - our families, communities, friends and neighbors.

Susan J. Kaufman, Ph.d.
[REDACTED]

Brown, Ronda

From: Douglas Kaufman-Dickson [REDACTED]
Sent: Monday, June 26, 2017 2:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments on Woolsey Application HVHHF-000001

The Woolsey application for a High Volume Hydraulic Fracturing Permit is the first application since the passage of the Hydraulic Fracturing Regulatory Act on 6/17/13. As such, it is a critical test case in how the IDNR will address future permit applications and comments by the public.

I am writing to urge IDNR to deny the Woolsey HVHHF #000001 primarily because of my concerns about the potential harm to Illinois ground water from fracking operations in our state. In general, the Woolsey application is lacking in specificity which alone should cause IDNR to refuse the permit. More specifically, the excessive water withdrawals and lack of plans to minimize water use are of significant concern to me.

Specific Comment

1. Failure to Propose Methods to Minimize Water Withdrawals One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHHF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

2. Inadequate Water Quality Monitoring Plan- The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant’s monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

Thank you for taking my concerns into consideration.

--

Douglas Kaufman-Dickson



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sukhvir Kaur <act@fwwatch.org>
Sent: Friday, June 23, 2017 8:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Sukhvir Kaur



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mohena Kaur <act@fwwatch.org>
Sent: Friday, June 23, 2017 7:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mohena Kaur



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of John Kavalunas <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001). The more we know about fracking, the less we like it. Fracking has dealt several states health and water problems.

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. John Kavalunas



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Colin Kay <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Let's stop this before it gets us into trouble.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Colin Kay



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lisa Kay <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lisa Kay



Brown, Ronda

From: Davida Kaye [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 9:47 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Davida Kaye
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: joyce kaye [REDACTED]
Sent: Monday, June 26, 2017 3:05 PM
To: DNR.HFPublicComments
Subject: [External] Woosley fracking permit

HVHHF-000001

The Woosley application for fracking should be denied because we need to know how they plan to minimize water withdrawals #14.

sincerely,
joyce kaye

Brown, Ronda

From: Joyce Kaye [REDACTED]
Sent: Monday, July 24, 2017 2:13 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001

HVHHF 000001

Do not let Woosley frack. They have already had incidents that are harmful. Their water source management plan is bad section 9. Water is a scare resource and needs to be protected from chemicals and overuse of water is what fracking is about.

joyce kaye
[REDACTED]



Virus-free. www.avast.com

Brown, Ronda

From: [REDACTED] on behalf of Rosalind Kaye [REDACTED]
Sent: Thursday, July 27, 2017 11:46 PM
To: DNR.HFPublicComments
Subject: [External] No fracking! Review Number HVHHF-000001

I am strongly against Review Number HVHHF-000001, to apply for fracking in Illinois.

Why?

There is evidence that fracking increases air and water pollution in communities that are situated near the fracking.

In addition, the methane gas, produced by fracking, leaks into the atmosphere and is a significant contributor to global warming.

Let's not allow yet another source of poisoning our people and destroying our planet!

Sincerely,
Dr. Rosalind Kaye

Brown, Ronda

From: [REDACTED]
Sent: Tuesday, June 27, 2017 2:22 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

[REDACTED]

Brown, Ronda

From: Maureen Keane [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, July 01, 2017 8:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Maureen Keane
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Maureen Keane [REDACTED]
Sent: Thursday, July 27, 2017 12:58 PM
To: DNR.HFPublicComments
Subject: [External] Ban Fracking in Illinois

Good afternoon,

As a resident of Illinois I am asking that you ban fracking in Illinois for the following reasons:

1. Fracking results in earthquakes and the New Madrid Fault line stretches across Southern Illinois. As a survivor of such a natural disaster in Nepal in 2015, this is something that you do not want to subject to your residents.
2. Fracking results in water contamination. We have already seen the cruel situation that Flint, MI and East Chicago, IN has been subjected to, let's not force the such an issue on our Illinois residents.
3. Fracking is responsible for droughts. As the Trump Administration denies climate change and rolling back funding for coverage, to subject Illinois residents for which farming is one of our leading industries would be catastrophic to our economy.

There are many other negative impacts fracking has on the people, land and water of Illinois that would not be worth any benefit that you could possibly consider as the above examples could literally lead to death.

Thank you.
Maureen Keane
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Maureen Keane <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Maureen Keane



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Maureen Keane <act@fwwatch.org>
Sent: Tuesday, June 27, 2017 4:39 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Maureen Keane



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Maureen Keane <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Maureen Keane



Brown, Ronda

From: Maureen Keane [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:49 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Maureen Keane
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Maureen Keane [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:01 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Maureen Keane
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ryan Keating <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:15 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Ryan Keating

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Ryan Keating <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:15 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Ryan Keating

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of William Keating <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins. Just please don't allow ANY Fracking in Illinois at all.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. William Keating



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ree Keca <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Ree Keca



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jane Keefe <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Jane Keefe



Brown, Ronda

From: Cynthia Kegel [REDACTED]
Sent: Friday, June 23, 2017 1:40 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Cynthia Kegel
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Kathryn Keifer [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:25 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kathryn Keifer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Goldie I Keilin Holzman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 9:23 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Goldie I Keilin Holzman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lisa Keim [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 6:54 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lisa Keim
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Melinda Keith-Singleton <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Melinda Keith-Singleton



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jill Kellogg <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jill Kellogg



Brown, Ronda

From: Connie Kelly [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 1:45 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Connie Kelly
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Karen Kelly [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karen Kelly
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Linda Kelly [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:17 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linda Kelly
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sherry Kelly <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 9:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sherry Kelly



Brown, Ronda

From: Janet Kelsey [REDACTED]
Sent: Friday, July 28, 2017 1:19 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

As an Illinois resident, I oppose the use of fracking in the state. It is dangerous in many ways. It results in exposure to toxic substances, pollutes underground water sources, and emits methane gasses. We should be concentrating on production of clean energy, not putting more into fracking. Ref: HVHHF-000001

Brown, Ronda

From: Bill Kelter [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 11:59 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bill Kelter
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jenny Kendler [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jenny Kendler
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jenny Kendler [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 3:42 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jenny Kendler
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Vanessa Kendzierski <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Vanessa Kendzierski



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jane-Elizabeth Keniski <act@fwwatch.org>
Sent: Friday, July 21, 2017 4:38 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jane-Elizabeth Keniski



Brown, Ronda

From: Karen Kennedy [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:36 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karen Kennedy
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kathleen Kennedy <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kathleen Kennedy



Brown, Ronda

From: Judith Kenney [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:36 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Sincerely,

Judith Kenney
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Thomas Kenny <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Thomas Kenny



Brown, Ronda

From: Mxry Kerfoot [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 11:54 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mxry Kerfoot
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Barb Kern <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Barb Kern



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Debra Kern <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Debra Kern



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marion Kern <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

When are people going to admit our water and land are being destroyed!
What's happening in this country has nothing to do with "values." It is pure and simple wanton greed and money grubbing!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Marion Kern

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Marion Kern [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:28 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marion Kern
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lee Kesselman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 6:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Please say no to this application!

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lee Kesselman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Roberta Kessler <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Roberta Kessler



Brown, Ronda

From: Susan Kessler [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:30 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Kessler
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Phyllis Keun <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Phyllis Keun



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Margaret Keylin <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Margaret Keylin



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Margaret Keylin <act@fwwatch.org>
Sent: Sunday, June 18, 2017 10:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials. Furthermore it takes huge amounts of our limited water resources to support just one fracking operation.

Allowing fracking operations to exist puts citizens health, safety, and welfare at great risk. It is your job to safeguard the health, safety, and welfare of Illinois citizens. Do your job! Deny this we'll permit application.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Margaret Keylin



Brown, Ronda

From: Draughan, Bonnie on behalf of DNR.Wildlifereceptionist
Sent: Thursday, July 27, 2017 11:41 AM
To: Reider, Debbie
Subject: FW: Contact DNR: Confirmation ID 282881 (Wildlife)

From: Illinois DNR [mailto:ilext.sp2010.farm@illinois.gov]
Sent: Thursday, July 27, 2017 11:11 AM
To: DNR.Webmaster <DNR.Webmaster@Illinois.gov>
Cc: DNR.Wildlifereceptionist <DNR.Wildliferecep@Illinois.gov>; DNR.Webmaster <DNR.Webmaster@Illinois.gov>
Subject: Contact DNR: Confirmation ID 282881 (Wildlife)

Please do not reply to this message, it will not be delivered.

Thank you for contacting Illinois DNR. Your message is being processed/routed.

If you requested a reply, you will be contacted shortly.

Contact DNR ID: 282881

Name: Ted Keylon

State of residence: Illinois

Affiliation:

Email:

Phone: [REDACTED]

Primary area of interest: Wildlife

Question/comment: Please stop fracking.

You chose: I do not need a reply

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Andrew Kiefer <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Andrew Kiefer



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Emilee Kieffer <act@fwwatch.org>
Sent: Friday, June 23, 2017 1:17 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Emilee Kieffer



Brown, Ronda

From: Linda Kierzek [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 3:17 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Completed

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linda Kierzek
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Melanie Kuhn <act@fwwatch.org>
Sent: Monday, June 19, 2017 2:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Melanie Kuhn



Brown, Ronda

From: Kim, Hye Sun [REDACTED]
Sent: Friday, July 28, 2017 12:04 PM
To: DNR.HFPublicComments
Cc: Hobbs, Karen; Geertsma, Meleah; [REDACTED] terri.treacy@sierraclub.org; [REDACTED]
Subject: [External] Comments of the NRDC et al. on Woolsey HVHHF-000001 Permit Application
Attachments: Comments - Woolsey HVHHF-000001 Permit Application as Supplemented incorporating BEM July 28.pdf; Ex. 1.pdf; Ex. 2.pdf; Ex. 3.pdf; Ex. 4.pdf; Ex. 5.pdf; Ex. 6.pdf; Ex. 7.pdf; Ex. 8.pdf

To whom this may concern,

Please find attached Comments of the Natural Resources Defense Council, Greater Highland Area Concerned Citizens, Sierra Club, and Southern Illinoisans Against Fracturing Our Environment on the Woolsey Operating Co., LLC Woodrow HVHHF Permit Application HVHHF-000001, as supplemented; as well as exhibits to the Comments.

A disk containing an electronic copy of the Comments and exhibits has been mailed to the Office of Oil and Gas Resources of the Illinois Department of Natural Resources via FedEx.

Please feel free to contact me with any questions.

Best regards,
Hye Sun Kim

HYE SUN KIM
Program Assistant

NATURAL RESOURCES DEFENSE COUNCIL
20 N. WACKER DR., STE. 1600
CHICAGO, IL 60606
312-651-7937 | HKIM@NRDC.ORG

Please save paper.
Think before printing.

Brown, Ronda

From: Tamora Kimmitt <info@actionnetwork.org>
Sent: Sunday, July 02, 2017 7:53 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

This well would endanger the health and safety of our state through risk of water contamination, air pollution, and earthquakes.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Tamora Kimmitt

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Martin Kimpston [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 6:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Martin Kimpston
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Leslie King [REDACTED]
Sent: Wednesday, July 26, 2017 9:27 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001

To: 'DNR.HFPublicComments@illinois.gov'
Subject: Public Comments re: HVHHF #000001

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of 'We Can Lead Change Fox Valley' regarding Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

After reading the comments about this request I can see that the Woolsey application is woefully inadequate. There are many generalities and deficiencies in their application and supplemental information. Too many to mention here, but a few of them will hopefully suffice to show this company should not be allowed anywhere near our state of Illinois.

- 1) Their overuse of water, by twice the amount usual for these operations. They provide no method to be used to minimize water withdrawals. This in a state that has had two severe and longlasting droughts in the last ten years. This is also a violation of Illinois' reasonable use doctrine.
- 2) Woolsey has provided a Directional Drilling Plan where drilling lengths and depths do not match the depth in the scaled cross-section. Without accurate information do we actually believe we can trust Woolsey to drill in our state?
- 3) Woolsey has failed to provide Geological Survey Data. This data is critical to insure that freshwater will not be contaminated.

There are 12 pages of information like the above to describe missing data, confusing data, inadequate information, and no information on important issues. These 12 pages describe why Woolsey's permit application is totally unacceptable and a permit must be denied.

Also, considering we are in an eight-state area that is affected by the New Madras Fault, still the company does not identify if the wellsite location is in an earthquake area or a regulatory floodplain. This is another requirement the company has ignored. We don't need to wake up or even tickle this sleeping giant of a fault.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete application to engage in high volume horizontal fracking.

Woolsey should not be given a permit to engage in fracking in the state of Illinois – Southern Illinoisans' water supplies, health, safety and livelihoods are at risk.

Sincerely,

Leslie King

--

Leslie King, Ed.D, LCPC



Brown, Ronda

From: DNR.HFHearingRequest
Sent: Monday, June 05, 2017 3:23 PM
To: Reider, Debbie
Subject: FW: [External] HVHHHF-000001

From: Schuering, Daniel
Sent: Monday, June 05, 2017 1:37 PM
To: DNR.HFHearingRequest <DNR.HFHearingRequest@illinois.gov>
Subject: RE: [External] HVHHHF-000001

Mr. Heidinger:

I have reviewed the e-mail forwarded by you from the hearing request e-mail box. I concur that this e-mail does not contain a hearing request. This e-mail is a comment that is more correctly directed to the Public Comments e-mail address. Please forward this e-mail accordingly.

Daniel P. Schuering
Administrative Law Judge
CMS Bureau of Administrative Hearings
704 Stratton Office Building
401 South Spring Street
Springfield, IL 62706

Office: (217) 557-8088
Fax: (217) 524-0718
E-mail Daniel.Schuering@illinois.gov

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

From: DNR.HFHearingRequest
Sent: Monday, June 05, 2017 1:29 PM
To: Schuering, Daniel <Daniel.Schuering@illinois.gov>
Subject: FW: [External] HVHHHF-000001
Importance: High

Hearing Officer Schuering,

The email below was received by the Department's HFHearingRequest email address.

With your permission, I would like to forward it (along with this email and your response) to the Public Comment email address for consideration as a Public Comment.

Thank you.

John Heidinger
Legal Counsel
Illinois DNR
1 Natural Resources Way
Springfield, IL 62702
217-557-6379 (p)
217-782-7616 (f)

E-MAIL CONFIDENTIALITY NOTICE: This electronic mail message, including any attachments, is for the intended recipient(s) only. This e-mail and any attachments might contain information that is confidential, legally privileged or otherwise protected or exempt from disclosure under applicable law. If you are not a named recipient, or if you are named but believe that you received this e-mail in error, please notify the sender immediately by telephone or return e-mail and promptly delete this e-mail and any attachments and copies thereof from your system. If you are not the intended recipient, please be aware that any copying, distribution, dissemination, disclosure or other use of this e-mail and any attachments is unauthorized and prohibited. Your receipt of this message is not intended to waive any applicable privilege or claim of confidentiality, and any prohibited or unauthorized disclosure is not binding on the sender or the Illinois Department of Natural Resources. Thank you for your cooperation.

FOIA NOTICE: This document contains privileged communications from an attorney representing a public body that would not be subject to discovery in litigation, or materials prepared or compiled by or for a public body in anticipation of a criminal, civil or administrative proceeding upon the request of an attorney advising the public body, and/or contains notes - recommendations, expressed opinions, or formulated actions or policies, and is exempt from disclosure under sec. 7(1)(m) and/or 7(1)(f) and/or 7(1)(e) of the Illinois Freedom of Information Act, 5 ILCS 140/7(1)(e),(f), (m).

From: Margaret King [REDACTED]
Sent: Saturday, June 03, 2017 8:53 AM
To: DNR.HFHearingRequest <DNR.HFHearingRequest@illinois.gov>
Subject: [External] HVHFFF-000001

Deny fracking permit! Illinois has enough problems.

M.King
[REDACTED]

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Richard King <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:20 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Richard King



Brown, Ronda

From: Carmen Kingsley [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 10:38 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carmen Kingsley
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Patricia Kinner <act@fwwatch.org>
Sent: Sunday, June 18, 2017 4:15 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Many people are becoming more familiar with the serious consequences of fracking. As oil companies are making tremendous profits at the expense of this country, and, its' people, these companies are introducing so many caustic chemicals, and, our government allows these companies to call these chemicals 'proprietary'. When we see the destruction of resources, and, environmental damage, nobody can predict the long term effects this process will cause. This damage will likely be permanent. Do any of the people familiar with the entire process care about the damage that occurs in years to come? I think not, and, I certainly do not want Illinois to allow this process in our state. However, with a Republican governor, and, a state that has been operating without a budget for 3 years, something tells me that our state will welcome fracking in Illinois. I hope I am wrong, but, it has become painfully obvious that the RNC cares far more about business than about its' people. I hope I am wrong, but, I am definitely not optimistic.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Patricia Kinner



Brown, Ronda

From: Edward Kinsel [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Thursday, July 20, 2017 4:14 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Edward Kinsel
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kristen Kinsella <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:59 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Kristen Kinsella

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Craig Kirby [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:57 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

. The earth is our mother, take care of her and she will continue to take care of us!

Sincerely,

Craig Kirby
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Maria Kirby [REDACTED]
Sent: Sunday, July 09, 2017 10:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Maria Kirby
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Kirby <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mary Kirby



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brian Kirkbride <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Brian Kirkbride



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brenda Kissane <act@fwwatch.org>
Sent: Thursday, June 22, 2017 2:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Brenda Kissane



Brown, Ronda

From: Anna Kite [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:00 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Anna Kite
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mary Kitzberger [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 2:46 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Kitzberger
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Eileen Klees [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted.

There is a laundry list of problems with this request that have been spelled out. Instead of fracking we should upgrade our nuclear plants and encourage more solar and wind systems.

Geothermal, wind, solar and nuclear are all preferable to fracking and will provide more jobs, less carbon and better use of our energy dollars.

Sincerely,

Eileen Klees
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Nathaniel Klein [REDACTED]
Sent: Monday, June 26, 2017 11:35 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Nathaniel Klein
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Cindy Klein-Webb [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:23 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cindy Klein-Webb
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Linda Klette [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 9:05 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linda Klette
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Sherrie Klima [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:07 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sherrie Klima
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Matthew Klimczak <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Matthew Klimczak



Brown, Ronda

From: Matthew Klimczak [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:35 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Matthew Klimczak
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Julia Kline [REDACTED]
Sent: Thursday, July 27, 2017 9:19 AM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF-000001) DON'T FRACK IN ILLINOIS

Review Number (HVHHF-000001) Fracking sucks - don't do it in Illinois!

We should be investing in renewable energy, not trying to wrench every last drop of non-renewable resources out of this poor planet.

Plus fracking causes immediate harm in all kinds of ways. You people know it better than any of us do, I don't know what kind of deal you made with the devil to be doing this fracking business.

Julia Kline
Author of the Amazon bestseller
["The Entrepreneur's Guide to Sleaze-Free Selling"](#)



As Seen on NBC News

Tel: 773-850-1398

julia@juliakline.com | <http://IntuitiveBusinessWoman.com>



Get a signature like this: [Click here!](#)

Brown, Ronda

From: Kelly Klinko [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:35 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kelly Klinko
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Diane Klock [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 7:01 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Diane Klock
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Frank Klostermann [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, July 16, 2017 7:22 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Frank Klostermann
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Karla Klueter [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 2:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karla Klueter
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ben Kluga <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Ben Kluga



Brown, Ronda

From: Keith Knapp [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

THANK YOU for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Keith Knapp
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Knepp <act@fwwatch.org>
Sent: Friday, June 23, 2017 9:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mary Knepp



Brown, Ronda

From: Rebecca Knight [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:03 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rebecca Knight
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Patricia Knol [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:20 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

I love and wish to protect my state - if comes before profits.

Sincerely,

Patricia Knol
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: J Knop [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:05 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

J Knop
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Erica Knox <info@actionnetwork.org>
Sent: Monday, June 26, 2017 11:01 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Erica Knox

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Kam Knox [REDACTED]
Sent: Tuesday, June 27, 2017 11:37 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

COMMENTS RE: HVHHF-000001

The Woolsey application for a High Volume Hydraulic Fracturing Permit is the first application since the passage of the Hydraulic Fracturing Regulatory Act on 6/17/13. As such, it is a critical test case in how the IDNR will address future permit applications and comments by the public.

I am writing to urge IDNR to deny the Woolsey HVHHF #000001 application for a variety of reasons, not the least of which include, but aren't limited to:

1. Overarching generalities and deficiencies in the application,
2. Specific concerns about deficiencies where information IS provided,
3. Failure to address a mounting body of evidence in the scientific community on the risks and harms associated with fracking that has come to light since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. Specifically, the NY Compendium of Scientific, Medical and Media Findings, 4th edition, has 924 citations on the risks and harms of fracking, 692 of which have been published since the passage of the HFRA.

Comments:

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) of HFRA requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information

HVHHF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated** - The permit fails to clearly identify the formation that will be stimulated or fractured. The "Grassy Creek" shale and, later still, describes the "reservoir zone", and the Semier Shale as the "frac barrier." These terms are not synonymous.
5. **Failure to Clearly Identify the Confining Zone** - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation. In fact, it fails to use this term at all in its application.
6. **Missing Data** - There is no information, data, or calculations supplied on either a micro-seismic study or the "historic" use to support whether the conclusion can be reliably drawn regarding a confining zone or "frac barrier" and the Application is therefore inadequate and must be denied.
7. **Confusing Data-** The Role of the Selmier Shale is listed as both a "drilling objective" and a "frac barrier" (confining zone?) in the application.
8. **Inadequate Information-** Fracturing Pressure- The fracturing pressure of the "producing zone" is given as 2,875 psi. Yet three separate formations are listed.
9. **Missing Data-** Surface Training Pressure Range- This information is entirely missing.

10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document contains inadequate and effective. On this basis alone, the permit should be denied.
11. **Missing Data**-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the
12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHWF wells is a major public health and safety concern. A reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 Applicant fails to identify in its Chemical and Proppant List:
 - 1) Oxyalkylated alkylphenol (10-20% of total mixture),
 - 2) Fatty acids (5-10% of total mixture),
 - 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
 - 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret”.

Water Source Management Plan- Document 9

14. **Failure to Propose Methods to Minimize Water Withdrawals** One of the most important public safeguards of the Hydraulic Fracturing Regulations is the Water Source Management Plan: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly in the range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to the well. The plan should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule is that groundwater shall be used ‘wastefully,’ 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying for water that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes a water use rate of 4.4 to 5 million gallons per well, which is what the Department itself considers to be the “most commonly reliable figure” for a HVHWF of from “4.4 to 5 million gallons per well.”

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois law. In White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted by withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant’s failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operations. The Applicant will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracturing process.

Concern about the inadequacy of Applicant’s efforts to minimize water use is further reinforced by plan’s only stated “method” for avoiding the need for additional piping limited in length. This claim is far too insubstantial to meet the General Assembly’s intention for an effective effort at water minimization. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is no evidence of such efforts.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water use” is by providing there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort to minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the

15. **Will there be a Fourth Well Drilled by the Applicant on Site-** The Applicant's Water Source Management Plan explicitly provides that it will be drilled during the operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHWF water supply wells) will be included in this monitoring program. (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes. The Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted in the application regarding the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not exist.

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. **Inadequate information on Fracturing Fluids-** The Applicant's Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information. If the information is unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by the regulations for the plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required by the regulations.
17. **Unrealistic Rate of Flowback Recovery Proposed-** The application states an anticipated 4-5,000 barrels of flowback will be recovered but only 1,000 barrels to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking operations. Needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.
18. **Inadequate Information on Storage Tanks-** The application states that the storage tanks will meet the qualities for the "purpose built." The application does not provide information on the rate/frequency for emptying the tanks. These are all inadequate.
19. **No Testing Plan for Flowback Water-** This is required by law but missing in the application. This is such a critical feature that the permit should be denied on this basis.
20. **Use of Earthen Containment Berms-** The plan states that the flowback storage tanks will be "enclosed by earthen containment berms which will be designed in accordance with the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in the application, the berms are inadequate.

Wellsite Safety Plan- Document 11

21. **No Clarity for NORM Sampling to Undefined "Black Shale"-** Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (NORM). The phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered to be "black shale," in the vicinity of its proposed well, including the formation depth, is not defined.
22. **Safety Considerations of the General Public-** There is virtually no consideration given to the safety of members of the general public that may be affected by the proposed well.

Containment Plan- Document 12

23. **The Containment Plan is completely inadequate.** It fails to provide specific information on capacity and design. Please see previous comments regarding the containment plan, especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. **Missing Information in the Casing and Cementing Plan-** The casing and cementing plan does not address the requirements labeled in Document 13. The applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois' regulations. It does not meet the requirements.

Traffic Management Plan- Document 14

25. **Traffic Avoidance of the Wabash River-** The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River.

Proof of Insurance- Document 18

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. **Specification of Earthquake area or floodplain missing or inadequate-** The Department's form requires the applicant to identify whether

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate-** The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense this lack of detail.

Water Quality Monitoring Plan

29. **Inadequate Water Quality Monitoring Plan-** The HFRA section governing Water Quality Monitoring is over six pages in length and is specified for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater

30. **Data Analysis Procedure Plan Inadequate-** The laboratory tests require an interpretation of the test results and for that purpose, the Applicant generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment

31. **Water Quality Monitoring Work Plan is not "independent"-** The "Water Quality Monitoring Work Plan" calls for an "independent third party" Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. The interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning

Radioactive Materials Management- Document 25

32. **Lack of Clarification on "Black Shale" subject to sampling-** As stated in the previous comments under Document 11, the Wellsite Safety geologic formations you consider to be in the "black shale" that will be tested pursuant to this requirement.

33. **Need to Clarify If Filters Will Be Used and Tested for Radioactivity.-** One of the most serious sources for radioactive contamination is from type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed

Bond- Document 27

34. **Insufficient bond-** The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket WELL OR PERMIT." The information to be entered in this box for an individual well gives locational and identifying information for the well information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.



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Brown, Ronda

From: Gloria Koch [REDACTED]
Sent: Friday, July 28, 2017 2:05 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001"

The use of fracking is not safe. Per Eco Watch, March 7, 2016:

An Environment America Research & Policy Center [report](#) found that fracking operations produced 280 billion gallons of such wastewater in a single year. [Studies have shown](#) that fracking wastewater contains a toxic slurry of chemicals, including at least six—barium, chromium, copper, mercury, arsenic and antimony—that would make the water unsafe to drink. Fracking wastewater, however, is not considered hazardous by the federal government.

During the fracking process, millions of gallons of water, sand and chemicals are blasted into shale formations to unlock oil and natural gas. While fracking itself can induce earthquake the disposal of fracking wastewater into underground wells has led to the alarming spate of tremors felt in several states, scientists have concluded.

NO TO FRACKING.

Brown, Ronda

From: Gina Kociuba [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:40 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Gina Kociuba
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Valerie Koehler <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Valerie Koehler



Brown, Ronda

From: Valerie Koehler [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:49 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Valerie Koehler
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Josef Koepl <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Josef Koepl



Brown, Ronda

From: Josef Koepl [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Josef Koepl
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kristian Koerwitz <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kristian Koerwitz



Brown, Ronda

From: Rohn Koester [REDACTED]
Sent: Tuesday, June 27, 2017 11:31 AM
To: DNR.HFPublicComments
Subject: [External] Fwd: HVHHF-000001 comment

To the Department of Natural Resources:

I am writing to urge IDNR to deny the Woolsey HVHHF #000001 application for a variety of reasons, not the least of which include, but aren't limited to: Failure to Propose Methods to Minimize Water Withdrawals.

One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHHF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is

only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans.

If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section

1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

For this and other reasons, I urge you to deny this fracking permit.

Thank you for accepting my comment --

Rohn Koester



Brown, Ronda

From: Simon Kogucki [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:38 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Simon Kogucki
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mark Kolar [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, July 14, 2017 6:44 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mark Kolar
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mark Kolar [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mark Kolar
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sandra Kolata <act@fwwatch.org>
Sent: Sunday, June 25, 2017 9:51 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sandra Kolata



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kathryn Koldehoff <act@fwwatch.org>
Sent: Wednesday, July 26, 2017 5:27 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

COMMENTS on HVHHF #000001: Supplemental Application Information

General comments:

Methane will escape. Water will be contaminated. Casings will fail.
Please do not allow fracking in relatively geologically unstable Illinois.

Other Comments:

Woolsey inadequately reports their plans and even intentions to monitor the volume of flowback water following injection to ensure that fugitive effluent is accounted for. Woolsey also inadequately represents the basis of their assumptions for necessary volume of flowback water storage.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment:

The threshold of feasibility is not defined, making it impossible for IDNR to determine whether methods for water withdrawal minimization were adequate or even considered by the applicant.

The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This usage directly competes with and over 275,000 acres of private, agricultural operations and animal operations bringing over \$9 million in revenue to the county.

No justification is given by the Applicant for the extreme volume of water proposed for use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Failure to address the extreme volume of water necessary for operations and to specify what minimization methods were used to determine the feasibility of sustained water usage against vulnerable users in the region presents a failure of the Water Source Management Plans.

Section 12: Casing & Cementing Plan

Section 12, Page 2: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions:

- Will IDNR ensure that inspectors are present at all settings and cementings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 12, Page 2: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions:

- Will IDNR ensure that inspectors are present for all said testing?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the BOP fail?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the BOP was successfully tested?

Section 12, Page 2 & Page 3: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR ensure that inspectors are present at all testings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the testing fail?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

I look forward to receiving your reply to these important questions before such a time as the permit is approved by the IDNR.

Sincerely,

Mrs. Kathryn Koldehoff



Brown, Ronda

From: Kathryn Koldehoff [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:32 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kathryn Koldehoff
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Robert Kolkebeck <info@actionnetwork.org>
Sent: Sunday, June 25, 2017 2:05 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

Protect Illinois' natural resources and our public health and safety by denying fracking permits and ending reliance on nuclear energy.

Regarding fracking, The Illinois Department of Natural Resources (IDNR) doesn't even have sufficient funding to monitor and protect Illinois state parks and historic sites. The idea that IDNR can regulate fracking and protect citizens from its hazards is preposterous.

As for nuclear energy, there is no safe nuclear energy. Nuclear plants are giant radioactive trash cans that threaten our safety and the safety of our childrens' childrens' childrens' children and so forth for generations.

If you think or state has problems now due to political stalemates over budgets and declining revenues, go ahead and raise those problems exponentially and you'll have what our state faces after the inevitable failure at one or more of the many nuclear power plants in Illinois.

End nuclear power.

Protect water and health by denying fracking permits.

Robert Kolkebeck
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of helen kolodynski <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. helen kolodynski



Brown, Ronda

From: Lynn Konieczny [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:17 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lynn Konieczny
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Patricia Konieczny [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:07 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Patricia Konieczny
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Zinta Konrad [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:33 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Zinta Konrad
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Elizabeth Kooba [REDACTED]
Sent: Tuesday, June 20, 2017 6:27 PM
To: DNR.HFPublicComments
Subject: [External] No Fracking in Illinois

Please no fracking in Illinois. Instead, let's build wind mills and solar panels. Utilize sources of power that don't endanger our drinking water or create more earthquakes.

Thank you,

Elizabeth Kooba

Brown, Ronda

From: Judy Koon [REDACTED]
Sent: Wednesday, June 07, 2017 12:16 PM
To: DNR.HFPublicComments
Subject: [External] NO FRACKING NEAR STARVED ROCK!

Dear IDNR,

I am very concerned that a fracking permit is being considered by the IDNR in the area of the Starved Rock State Park. This park is one of the state's most treasured areas for recreation, and contains great geologic formations for hiking and other recreational activities. It is accessible to many towns and cities in Illinois and surrounding states and provides an inexpensive vacation option for families.

It is the first place I vacationed with my young children and a place I have cherished, returned to and sent many friends to visit. It is a unique spot in Illinois!

The State of Illinois should try to attract another industry to bolster its tax base, rather than choosing an environmentally questionable alternative.

Thank you for your consideration,

Judy Koon
[REDACTED]

Brown, Ronda

From: Sonja Koontz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 10:20 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sonja Koontz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diane Kopan <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Diane Kopan



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Barbara Kopelman <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Barbara Kopelman



Brown, Ronda

From: Samara Kornitzer [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 4:58 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Samara Kornitzer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Stacey Korte [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:29 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Stacey Korte
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Carolyn Kos [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:38 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carolyn Kos
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dylan Kosson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:45 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dylan Kosson
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Laura Kot <act@fwwatch.org>
Sent: Saturday, June 17, 2017 8:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Laura Kot



Brown, Ronda

From: Paul Kovatchis [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 9:00 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Paul Kovatchis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Linda Kowal [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:42 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linda Kowal
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Douglas Kowalewski [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 3:10 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Douglas Kowalewski
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Glen Koyama [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:28 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Glen Koyama
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Brandon Kozak [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, July 01, 2017 12:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Brandon Kozak
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brandon Kozak <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Brandon Kozak



Brown, Ronda

From: Scott Kozoll [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:46 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Scott Kozoll
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Darlene Kraemer <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 7:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Still another concern are the numerous earthquakes that have recently begun in Oklahoma--another state where fracking is occurring. Illinois is overdue for a massive earthquake along the New Madrid faultline and fracking is a known contributor.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Darlene Kraemer



Brown, Ronda

From: Darlene Kraemer [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Darlene Kraemer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Carol Kramer [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carol Kramer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Rochelle Kramer [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Thursday, July 27, 2017 9:09 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rochelle Kramer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Rochelle Kramer [REDACTED]
Sent: Thursday, July 27, 2017 9:13 AM
To: DNR.HFPublicComments
Subject: [External] I oppose HVHHF-000001

To Whom It May Concern,

I an Illinois resident and voter, and I strongly oppose the application HVHHF-000001 to build a fracking well here in Illinois by the Woolsey Corp.

Fracking has caused serious problems for many communities around the country due to dangerous methane gas leaks. In addition, it has contributed to an increase in natural disasters such as earthquakes (no matter how small they are).

No one should turn on their faucets to see their water on fire! Please reject this application immediately for the good of the communities it will effect.

Thank you,
Rochelle Kramer

Sent from my iPhone

Brown, Ronda

From: Barbara Krantz [REDACTED]
Sent: Friday, June 23, 2017 1:52 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Barbara Krantz
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Gretchen Krass <act@fwwatch.org>
Sent: Thursday, June 22, 2017 11:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Please do not allow this to happen , we would rather move forward with clean energy.

Sincerely
Gretchen Krass

A black rectangular redaction box covering the signature area.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Gretchen Krass

A black rectangular redaction box covering the signature area.

Brown, Ronda

From: Cecile Kraus [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:11 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cecile Kraus
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Christine Krause [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:26 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Christine Krause
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dennis Kreiner [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dennis Kreiner
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Amanda Kreiss, DACM <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 6:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Amanda Kreiss, DACM



Brown, Ronda

From: Amanda Kreiss, DACM [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Amanda Kreiss, DACM
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Renata Krempel [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Renata Krempel
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ira Kriston [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:44 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

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Sincerely,

Ira Kriston
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Philip Kritzman <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Philip Kritzman



Brown, Ronda

From: Philip Kritzman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 11:11 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Completed

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Philip Kritzman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jessica Kronika [REDACTED]
Sent: Monday, June 26, 2017 8:27 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Jessica Kronika
[REDACTED]

Brown, Ronda

From: Nora Kropp [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 3:37 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Nora Kropp
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sarah Kropski <act@fwwatch.org>
Sent: Sunday, June 25, 2017 9:52 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sarah Kropski



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rachel Krucoff <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I am writing to urge you to deny Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001). Other states have banned fracking and Illinois should do so as well. Not only does fracking risk harming public health on several counts, but fracking in Illinois, near the New Madrid fault line, is risky to the point of insanity. No one doubts anymore that fracking causes earthquakes. An earthquake on this fault line would be utterly catastrophic for all the surrounding states. It could even cause a nuclear disaster, given the number of nuclear power plants now in the vicinity of the fault line.

No amount of potential jobs is worth the risk of the disaster you risk by allowing fracking in our state. I cannot urge you strongly enough to put an end to this insanity before it begins.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Rachel Krucoff



Brown, Ronda

From: Gary Krumwiede [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, June 28, 2017 2:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Gary Krumwiede
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Chris Krusa [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 12, 2017 8:20 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Chris Krusa
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Chris Krusa <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Keep fracking out of our State!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Chris Krusa



Brown, Ronda

From: Christopher Krusa [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, July 15, 2017 4:49 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Christopher Krusa
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Chris Krusa [REDACTED]
Sent: Friday, June 23, 2017 5:15 PM
To: DNR.HFPublicComments
Cc: Chris Krusa
Subject: [External] IDNR review number HVHHF-000001 - request for a fracking well permit

Dear IDNR commenting office officials:

Please deny this request for permit, reference number HVHHF-000001, to drill a fracking well in Illinois. Once IDNR agrees to one well, it will set a precedent for allowing more wells, and the State will suffer the consequences, especially on our lands down State.

The proposed fracking well takes up several acres of good land; will run tens of semis each day down our roads with accompanying noise and exhaust; will use millions of gallons of fresh water mixed with cancer causing chemicals at very high pressures to crack open the earth up to two miles in any horizontal direction from the well; will spew these chemicals back into our air, our water and on our land, rendering them unusable for any other purpose; is located in White County adjacent to the Wabash earthquake fault; will bring in workers from out of state requiring housing, schools, and infrastructure business expansion that will not be needed once the well runs dry in one to three years on average.

This heavy industry only benefits the investors and oil magnates if a strike is made. The rest of us lose by paying higher taxes for police, fire, health, roads and other services.

Tax payers then must pay to clean our land and water environment, once the inevitable bust comes.

Many pipeline leaks of oil and methane have occurred during fracking well construction and operation. Methane is a seriously more potent gas than CO₂. Both contribute to what is heating our globe so quickly and to such a high degree, that children and grandchildren around the planet will suffer in years to come. The fossil fuel industry will do better by investing in infrastructure and jobs to support renewable energy sources such as solar, wind and geothermal, and in some cases this is already occurring. The passage of the Illinois Future Energy Jobs Act in late 2016 is a testament to the direction the State is headed in fighting climate change - approving this permit would be going in the opposite direction.

Along with many of my friends, family and colleagues, I am concerned, and committed, to *resist* fracking anywhere in Illinois. Please add this comment to the docket for this permit request.

Sincerely,

Chris Krusa



"Disclaimer: Please take notice that any communication sent to, or received by, this account or device may be subject to disclosure pursuant to the Illinois Freedom of Information Act."

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Pam Kruse <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Pam Kruse



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Matt Kruszewski <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Matt Kruszewski



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Irek Kryczka <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Irek Kryczka



Brown, Ronda

From: Ireneusz Kryczka [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 6:42 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ireneusz Kryczka
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kent Kubert [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:46 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kent Kubert
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of m c kubiak <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

One mission we have in life is to be good stewards of God's creation, not its frackers.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. m c kubiak



Brown, Ronda

From: Matthew Kubiak [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:36 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Frack us now, and we shall frack you in 2018!

From the information that is provided, a number of concerns arise, including but not limited to:

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Matthew Kubiak
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Michael Kuehl [REDACTED]
Sent: Saturday, June 24, 2017 2:20 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Michael Kuehl
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Alice Kuhn [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:54 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Alice Kuhn
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Debra Kukulski [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:30 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Debra Kukulski
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jason Kull [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:59 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jason Kull
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Forrest Kulwin <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Bottom line is we do not want fracking in Illinois.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Forrest Kulwin



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Janet Kuncl <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Janet Kuncl



Brown, Ronda

From: Janet Kuncl [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:06 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Janet Kuncl
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Debra Kunkel <act@fwwatch.org>
Sent: Monday, June 19, 2017 8:17 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

When corporations are allowed to fight against the citizens that live in the area that will be polluted, business has gone too far. They are allowed to insert wordage in their contracts that do not hold them liable for damages and clean up. Millions of people are affected by the think-tank business model anti-liability strategy. We all live on this earth that the minority are allowed to pillage and pollute.

Corporations and privileged few do not own the wildlife, water and land on this planet. The people do. Laws that have been granted by greedy lawmakers that state otherwise will end up with us rethinking and more carefully selecting our elected officials according to how they plan to act on these issues.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Debra Kunkel



Brown, Ronda

From: Daniel Kuntz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:08 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Daniel Kuntz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ronald Kurasz [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:08 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ronald Kurasz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Betty Kurtz <act@fwwatch.org>
Sent: Friday, June 23, 2017 11:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Please deny Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Please, NO Fracking in Illinois. Our ground is already too shaky, and our water and environment is too precious!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Betty Kurtz



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jan Kurtz <act@fwwatch.org>
Sent: Friday, June 23, 2017 9:17 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jan Kurtz



Brown, Ronda

From: Suzanne Kush [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:03 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Suzanne Kush
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Roger Kushla <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Roger Kushla



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Roger Kushla <act@fwwatch.org>
Sent: Monday, June 19, 2017 10:48 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Roger Kushla



Brown, Ronda

From: Carol Kussart [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:08 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carol Kussart
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Carol Kussart <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Carol Kussart



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of dawn Kwiatkowski <act@fwwatch.org>
Sent: Tuesday, June 27, 2017 6:09 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to deny Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Fracking also creates tremors and quakes, something that our current structures, roads and bridges as well as the insurance companies do not consider in our day to day life here in Illinois. That would drastically change should woolsey actually begin liquefying layers of Illinois.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

This is a threat to all residents and commuters including my family who would have to come in contact with it at some point. It is a disaster for our beautiful array of wildlife, and a gross waste of our freshwater here in the Midwest when other states are experiencing draught. All of us signing and writing into you from Illinois as well as anyone downstream of the Wabash in nearby Indiana would be adversely affected. We require you to hold a public meeting about this permit.

Please do the right thing: Deny the permit in order to protect Illinoisans and our environment. There are safer avenues for generating energy and commerce here in Illinois and that is in the People's best interest!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. dawn Kwiatkowski



Brown, Ronda

From: dawn k [REDACTED]
Sent: Tuesday, June 27, 2017 5:58 PM
To: DNR.HFPublicComments
Cc: DNR.HFHearingRequest
Subject: [External] woolsey fracturing permit hvhhf-000001

I urge you to deny Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Fracking also creates tremors and quakes, something that our current structures, roads and bridges as well as the insurance companies do not consider in our day to day life here in Illinois. That would drastically change should woolsey actually begin liquefying layers of Illinois.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

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Please do the right thing. Deny the permit in order to protect Illinoisans and our environment. There are safer avenues for generating energy and commerce here in Illinois and that is in the People's best interest!

Thank you for your time!

Dawn Kwiatkowski
[REDACTED]

Brown, Ronda

From: Ellen L [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 4:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ellen L
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Nathan La Porte [REDACTED]
Sent: Thursday, July 27, 2017 8:42 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 Please deny fracking permit

To whom it may concern,

I am writing to enter a public comment on HVHHF-000001, the review of Woolsey Operating Company's request to being fracking in the state of Illinois. I urge you to deny this request.

Fracking contributes to the pollution of both the air and the water in the communities surrounding the fracking site. In addition, leakage of methane from fracking wells contributes to climate change.

While some may argue that fracking contributes to US energy independence, it also continues our dependence on fossil energy at a time when we should be increasing our investment in renewable energy instead.

Please deny the request by Woolsey.

Thank you very much,
Nathan La Porte

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Heather La Riviere <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

There is nothing more important to human survival than clean water.
Fracking is dangerous as incompatible with our survival as a species.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Heather La Riviere



Brown, Ronda

From: Marcia Laanglois [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:17 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marcia Laanglois
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Deborah Labb <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Deborah Labb



Brown, Ronda

From: Deborah Labb [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Deborah Labb
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Annie Labus [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Annie Labus
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: C.m Lade [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 26, 2017 9:00 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Oh, and the fact that Illinois sits on part of the New Madrid fault line should be a major concern.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

C.m Lade
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Steven Lagacy <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Steven Lagacy



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rebecca LaGesse <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Rebecca LaGesse



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Michael Lahey <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Michael Lahey



Brown, Ronda

From: D LaMagdeleine [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 4:19 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

D LaMagdeleine
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diane LaMagdeleine <act@fwwatch.org>
Sent: Sunday, June 18, 2017 12:51 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Diane LaMagdeleine



Brown, Ronda

From: Dawn Lamarca [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:38 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dawn Lamarca
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jen Lambert [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 2:38 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jen Lambert
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Tamela Lambert <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Tamela Lambert



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of William LaMorte <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to air pollution. Don't let Illinois become the next Oklahoma, fracking not only causes all of the above, but also daily earthquakes .there are thousands of earthquakes caused by fracking ,look at the statistics

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. William LaMorte



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Laura Landis-Pesina <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Laura Landis-Pesina



Brown, Ronda

From: Kathleen Landow [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 11:44 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kathleen Landow
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kathleen Landow [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 11:48 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kathleen Landow
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Carrie Landreth <act@fwwatch.org>
Sent: Monday, June 19, 2017 10:48 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Carrie Landreth



Brown, Ronda

From: Jo Ann Landreth [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jo Ann Landreth
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lyndon Lanes <act@fwwatch.org>
Sent: Saturday, July 01, 2017 12:23 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 1, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Lyndon Lanes



Brown, Ronda

From: Susan Lanes [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 1:18 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Our state also is on a major fault line, and cannot withstand the added pressurized wastewater that has created such a multiplication of earthquakes as in Oklahoma. Nor must our children be allowed to experience the rise in asthma to 10% as in Oklahoma as a result of the fracking industry.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Lanes
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Beth Lanford <act@fwwatch.org>
Sent: Monday, June 26, 2017 9:38 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Beth Lanford



Brown, Ronda

From: Erika Lang [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Erika Lang
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Stacy Lang [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Stacy Lang
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lisa Langbein <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Lisa Langbein



Brown, Ronda

From: Christine Lange [REDACTED]
Sent: Monday, June 26, 2017 5:06 PM
To: DNR.HFPublicComments
Cc: [REDACTED]
Subject: [External] Comment on the application for a fracking permit

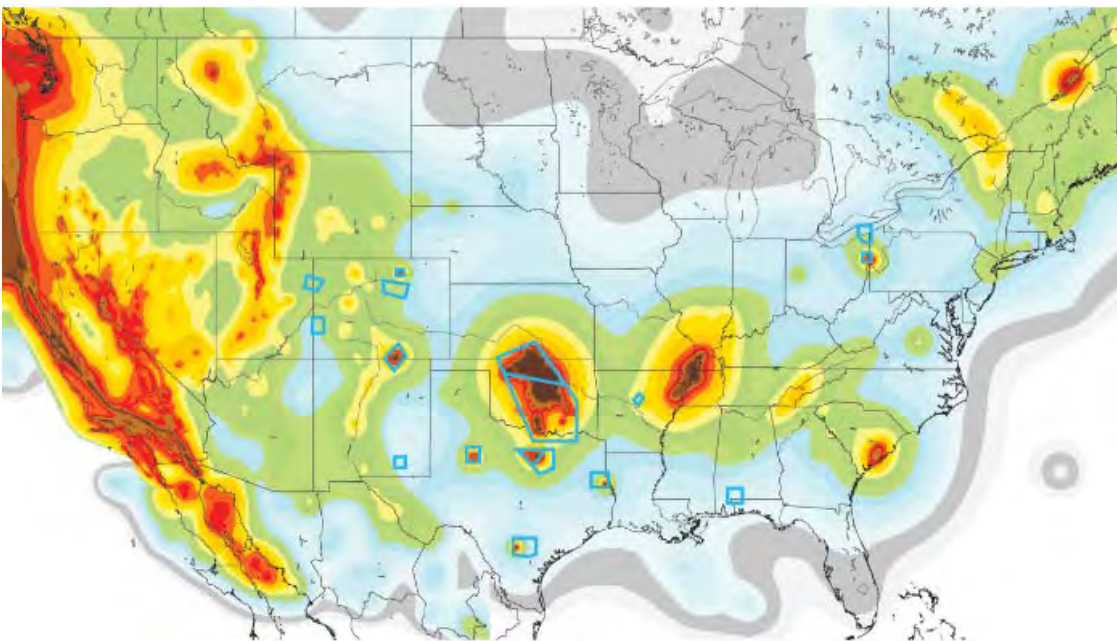
Dear Illinois DNR,

I'd like to comment on the application for a fracking permit for a site near Enfield, Illinois, submitted by Woolsey Operating Company of Kansas.

In addition, to concerns about the potential for polluted groundwater and other environmental and health hazards that fracking could cause, it seems absolutely crazy that the State of Illinois would allow an activity which would knowingly increase the number of earthquakes in the region, especially given that Southern Illinois lies on one of the largest active seismic faults in the country. Enfield is approximately 100 miles from the north end of the New Madrid Seismic Zone, an active and major fault line which produces many small earthquakes today and certainly has the potential to produce major earthquakes in the future.

A [study](#) about Ohio earthquakes found that "Over 109 small earthquakes (Mw 0.4–3.9) were detected during January 2011 to February 2012 in the Youngstown, Ohio area, where ***there were no known earthquakes in the past.***" These shocks were close to a deep fluid injection well." (emphasis added)

The USG [map](#) below shows that, while Ohio has low earthquake risk without fracking, Southern Illinois has significant earthquake risk. As fracking exponentially increased Ohio's number of earthquakes, fracking in Enfield will do the same, with the potential for much more severe results given the fault's size.



In fact, Kansas and Oklahoma have shown a great increase in earthquakes since fracking began in that region, in spite of their seismic faults being actually much smaller than the New Madrid fault. An [article](#) in Science Magazine reports "Since 2013, 192 earthquakes bigger than magnitude 2 have hit

Harper and Sumner counties [in Kansas], on the border with Oklahoma, up from just two in the previous 35 years." It goes on to say "a few have been big enough to damage buildings..." and that it has been "a challenge for engineers who design bridges and buildings." Clearly, fracking in this region is a public hazard.

I encourage the IDNR and the State of Illinois to do the responsible thing and keep Illinois free from fracking..

Sincerely,

Christine Lange



Brown, Ronda

From: Constance Lange [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:48 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Constance Lange
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of florence lange <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. florence lange



Brown, Ronda

From: Trudi Langendorf <info@actionnetwork.org>
Sent: Friday, June 23, 2017 8:58 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Trudi Langendorf

████████████████████
████████████████████
████████████████████

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Langele <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Langele



Brown, Ronda

From: Robert Langele [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 4:44 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Robert Langele
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Susan Lannin [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 4:38 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Lannin
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Susan Lannin [REDACTED]
Sent: Tuesday, June 27, 2017 9:56 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff, I am submitting comments concerning the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would endanger public health and safety. Also, the permit application contains a number of issues highlighted below. The application is sadly deficient in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so must be rejected. From the inadequate information provided, here is a list of just some concerns:

1. The application requests exceedingly large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application underestimates flowback volumes, and the plans for containment facilities are inadequate for the amount of flowback and other chemicals/wastes.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application does not demonstrate adequate insurance for the well; insurance excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application does not indicate sufficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for considering my comments. I urge the Illinois DNR to reject the company's inadequate permit application because it fails to protect public health and the environment.

Susan Lannin
[REDACTED]

Brown, Ronda

From: Susan Lannin [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 4:39 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Lannin
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Linda Lanning [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:14 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linda Lanning
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Susan Lantow <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Susan Lantow



Brown, Ronda

From: Michele Laporte [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 11:10 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Michele Laporte
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Heather and Patrick La Riviere [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 6:28 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Heather and Patrick La Riviere
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rita Larkin <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins. I want to remain...NO FRACK Illinois!!!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Rita Larkin



Brown, Ronda

From: David Larsen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

David Larsen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lisa Larsen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:33 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lisa Larsen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Nils Larsen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:10 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Nils Larsen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Cheryl Laskasky <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Cheryl Laskasky



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Shannon Lastowski <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

As an Illinois resident and voter, I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Shannon Lastowski

A large black rectangular redaction box covering the signature and contact information of Ms. Shannon Lastowski.

Brown, Ronda

From: Norman Lathrop [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 2:59 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Norman Lathrop
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nola Latta <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

There are more important things in life than money!!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Nola Latta



Brown, Ronda

From: Kara Lau [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 10:17 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kara Lau
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Amanda Laubenstein [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:48 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Amanda Laubenstein
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Carol Lauhon [REDACTED]
Sent: Thursday, July 27, 2017 9:12 AM
To: DNR.HFPublicComments
Subject: [External] Fracking Review Number (HVHHF-000001)

I strongly oppose fracking. My late husband's people are from West Virginia. I've see the destruction that results from this practice.

I know about earthquakes first-hand. I do not want earthquakes in Illinois.

I have seen filthy rivers that result from the injection of water into mountains. I do not want filthy rivers in Illinois.

I urge you to deny this application. I further urge you to do more for clean - not faux-"clean" - sources of energy.

Sincerely,

Carol Lauhon, [REDACTED]

Review Number (HVHHF-000001)

Brown, Ronda

From: Carol Lauhon <info@actionnetwork.org>
Sent: Sunday, June 25, 2017 5:08 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Carol Lauhon

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Esteen Lauri <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Esteen Lauri



Brown, Ronda

From: Karen Lavengood [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 4:57 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karen Lavengood
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Sally Lavengood [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:16 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sally Lavengood
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Ann Lavon [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:05 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ann Lavon
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diane Lawe <act@fwwatch.org>
Sent: Sunday, June 25, 2017 12:22 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Diane Lawe



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of rhonda Lawford <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. rhonda Lawford



Brown, Ronda

From: Melissa Lawrence <info@actionnetwork.org>
Sent: Friday, June 23, 2017 12:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Please do not let big oil corporations to destroy our air and our health

Melissa Lawrence

[REDACTED]

[REDACTED]

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rebecca Lawson <act@fwwatch.org>
Sent: Friday, June 23, 2017 1:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

As a former Oklahoman, I have seen first-hand what fracking can do to a state I love. Earthquakes are a frequent occurrence in states that allow fracking of this nature. You must not allow Woolsey to ruin Illinois.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Rebecca Lawson



Brown, Ronda

From: Albert Laya [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:17 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Albert Laya
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Morgan Lazenby <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Morgan Lazenby



Brown, Ronda

From: Tony Lazzara [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 3:10 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Tony Lazzara
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Marie Le Bihan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:24 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marie Le Bihan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Don Leach <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Don Leach



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mike Leach <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Mike Leach



Brown, Ronda

From: Rob Leadaman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 1:56 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rob Leadaman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Edmund Leahy <act@fwwatch.org>
Sent: Monday, June 19, 2017 7:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Edmund Leahy



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Catherine Leamy <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Catherine Leamy



Brown, Ronda

From: Laurie LeBreton [REDACTED]
Sent: Friday, July 28, 2017 4:47 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000001

HVHHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,

Laurie LeBreton

ONE Northside/Fair Economy Illinois

[REDACTED]

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Christopher Lee <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Christopher Lee

A large black rectangular redaction box covers the signature area, obscuring the name and any handwritten notes.

Brown, Ronda

From: Christopher Lee [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:10 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Christopher Lee
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Deborah Lee <act@fwwatch.org>
Sent: Saturday, June 17, 2017 4:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Please focus on renewable energy. That's were the real money is for Illinois and it's citizens. Fracking is too costly, destructive and dangerous. We MUST look ahead reasonably. Our grandchildren are counting on us for their lives.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Thank you

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Deborah Lee



Brown, Ronda

From: Hannah Lee <info@actionnetwork.org>
Sent: Monday, June 26, 2017 10:29 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Hannah Lee

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of R. A. Lee <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

As an Illinoisan I cannot think of a more alarming and unthinkable decision to open our state to this horrific practice and industry. It is ridiculous to sustain the proposed idea solely on the financial gains to anyone directly connected to Woolsey Operating Co. LLC- job holders included- while the entire venture is nothing but dangerous, toxic, and wholly detrimental to the people and state of Illinois.

Further, no one in Illinois will be thankful for financial funds collected by the state in this deal after the fact, which are unable to cover by 1000 times, the horrific damage, lawsuits, lives lost, properties poisoned, water turned toxic, and earthquakes..

Please stop this wholly against Nature practice happening in Illinois.

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. R. A. Lee



Brown, Ronda

From: Lindsay Lefteroff [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 9:20 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lindsay Lefteroff
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Leonardo Legorreta [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 10:07 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. This is the first attempt to frack our state.

You Must Say NO!

The proposed well (Woodrow #1H-310408-193) in White County, Illinois threatens public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.
7. Fracking is morally wrong and economically disastrous. Careful analysis shows the real costs are being ignored and carry morally reprehensible consequences.

Illinois DNR must reject the company's inadequate permit application that fails to protect our health and environment. You must reject it on moral and economic grounds.

Sincerely,

Leonardo Legorreta



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dale Lehman [REDACTED]
Sent: Friday, July 28, 2017 1:10 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001

Public Comments re: HVHHF #000001

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of The People's Lobby and Reclaim Chicago regarding the Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

The Woolsey application is woefully inadequate. There are overarching generalities and deficiencies in the initial application and supplemental information, not to mention problems where information was actually provided. The attached comments highlight areas of deficiency and concerning omissions in both the supplemental information and the original application.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking which is an uncertain technology that can produce irreversible consequences for local aquifers, ecological systems and property values. Only technically, fiscally and legally competent and conscientious companies should be entrusted with a permit. The risk to the Public outweighs the monetary interests Woolsey and its fiscal backers claim as justification for their commercial right to a permit

for the particular project for which a permit is requested.

Woolsey should not be given a permit to engage in fracking in the state of Illinois -- **Southern Illinoisans' water supplies, health, safety, and livelihoods are on the line.**

Sincerely,

Dale Lehman
[REDACTED]

Comments re: HVHHF #000001 Supplemental Application Information

Section 09: Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment/Question: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. What are Woolsey's plans if this storage capacity proves too small? How will the 7.5 million gallons come back as 126,000?

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is "not in the interest of the applicant to overuse water in the HVHHF process" but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most

important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *a n applicant must specify in the Application's Water Source Management Plan* : "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHFF of "4.4 to 5 million gallons per well."

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly

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depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11: Well Site Safety Plan

The Schematic of Well Pad & HVHFF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

Comments and Questions:

- • Which is correct?
- • Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
- • Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the "Wheel Wash" they describe will be installed and monitored at the location named?

Section 2.10 "Control of Other Air Emissions": Under the heading "Appropriate emission", it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question :

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- Who and what determines when it is possible? IDNR should require they burn Low-Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: "During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820."

Comment:

- The potential volume of flow back fluid should be the determinate of dike size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 13: Casing & Cementing Plan

Page 2 of this section states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

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present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present? ● How will this be documented?

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Public Comments re: Woolsey's Initial Application

Specific comments included below reference the documents contained in the original Woolsey Permit Application HVHHF-000001 (submitted on May 22, 2017) and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

1. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

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2. **Inadequate Evidence to Establish the Lowest Potential Fresh Water** - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHHF Operations Plan - Document 5

1. **Failure to Clearly Identify Formation to be Stimulated** - The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the "drilling objective" is the New Albany Shale but later refers to the "objective" being the "Grassy Creek" shale and, later still, describes the "reservoir zone", and the Selmier Shale as the "frac barrier." These terms are not synonymous and therefore both confusing and inadequate.
2. **Failure to Clearly Identify the Confining Zone** - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the "confining zone" for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.
3. **Missing Data** - There is no information, data, or calculations supplied on either a micro-seismic study or the "historic" use to support whether the identification of the "frac barriers" is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or "frac barrier" and the Application is therefore inadequate and must be denied.
4. **Confusing Data-** The Role of the Selmier Shale is listed as both a "drilling objective" and a "frac barrier" (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.
5. **Inadequate Information-** Fracturing Pressure- The fracturing pressure of the "producing zone" is given as 2,875 psi. Yet three separate formations are mentioned as "drilling objectives." The same psi for all three would not be used.
6. **Missing Data-** Surface Training Pressure Range- This information is entirely missing.
7. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.
8. **Missing Data-** No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

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9. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHFF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

1. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on "Composition/Information on Ingredients" lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of "Trade Secret."

Water Source Management Plan- Document 9

1. **Failure to Propose Methods to Minimize Water Withdrawals**- One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application's Water Source Management Plan: "the methods to be used to minimize water withdrawals as much as feasible." This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the "reasonable use" doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 ("The rule of "reasonable use" shall apply to groundwater withdrawals in the State.") that reasonable use does not include water used "wastefully," 525 ILCS 45/4.

The Applicant's Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater

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withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHFF of from "4.4 to 5 million gallons per well."

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the

use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of "reasonable use" of the state's groundwater and the regulatory requirement to "minimize water withdrawals as much as feasible" is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source

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Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

2. Will There Be a Fourth Well Drilled by the Applicant on Site- The Applicant's Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVVHF water supply wells) and a surface water body (a stock pond). *A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program .* (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

- 1. Inadequate Information on Fracturing Fluids** - The Applicant's Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."
- 2. Unrealistic Rate of Flowback Recovery Proposed** - The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total

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volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

3. **Inadequate Information on Storage Tanks** - The application states that the storage tanks will meet the qualities for the “purpose built.” There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.
4. **No Testing Plan for Flowback Water** - This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.
5. **Use of Earthen Containment Berms**- The plan states that the flowback storage tanks will be “enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume.” No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR’s numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

1. **No Clarity for NORM Sampling to Undefined “Black Shale”** - Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.
2. **Safety Considerations of the General Public** - There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

1. **The Containment Plan is completely inadequate.** It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

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Casing and Cementing Plan- Document 13

1. **Missing Information in the Casing and Cementing Plan** - The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois’ regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

1. **Traffic Avoidance of the Wabash River** - The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

1. **The Certificate of Insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

1. **Specification of Earthquake Area or Floodplain Missing or Inadequate** - The Department’s form requires the applicant to identify whether the insured wellsite location is in a defined earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

1. **Topsoil Plan Inadequate** - The Department’s form requires that the Topsoil Preservation Plan must be provided with “detail.” (“Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil . . .”). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS*

provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a “preservation” plan at all given this lack of detail.

Water Quality Monitoring Plan

1. **Inadequate Water Quality Monitoring Plan** - The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in

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the HFRA. For example, the applicant’s monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

2. **Data Analysis Procedure Plan Inadequate** - The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled “Data Analysis Procedures.” The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that “the method to be used under this plan is *based on* (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology.” Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.
3. **Water Quality Monitoring Work Plan is Not “Independent”**- The “Water Quality Monitoring Work Plan” calls for an “independent third party” to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an “independent third party” to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution “A Community Bill of Rights” in the spring of 2014. The pro fracking group felt so threatened by the non - binding “A Community Bill of Rights” resolution that one of its first acts was to “convince” The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate “public interest” in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

1. **Lack of Clarification on “Black Shale” subject to sampling** - As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase “black shale” is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the “black shale” that will be tested pursuant to this requirement.

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2. **Need to Clarify If Filters Will Be Used and Tested for Radioactivity**- One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

1. **Insufficient bond** - The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide

any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

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Brown, Ronda

From: Congregation Kneseth Israel [REDACTED]
Sent: Friday, July 28, 2017 2:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVVHF #000001

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen regarding Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHVF #000001).

After reading the comments about this request I can see that the Woolsey application is woefully inadequate. There are many generalities and deficiencies in their application and supplemental information. Too many to mention here, but a few of them will hopefully suffice to show this company should not be allowed anywhere near our state of Illinois.

1. Their overuse of water, by twice the amount usual for these operations. They provide no method to be used to minimize water withdrawals. This in a state that has had two severe and long-lasting droughts in the last ten years. This is also a violation of Illinois' reasonable use doctrine.
2. Woolsey has provided a Directional Drilling Plan where drilling lengths and depths do not match the depth in the scaled cross-section. Without accurate information do we actually believe we can trust Woolsey to drill in our state?
3. Woolsey has failed to provide Geological Survey Data. This data is critical to insure that freshwater will not be contaminated.

There are 12 pages of information like the above to describe missing data, confusing data, inadequate information, and no information on important issues. These 12 pages describe why Woolsey's permit application is totally unacceptable and a permit must be denied.

Also, considering we are in an eight-state area that is affected by the New Madras Fault, still the company does not identify if the well site location is in an earthquake area or a regulatory floodplain. This is another requirement the company has ignored. We don't need to wake up or even tickle this sleeping giant of a fault.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete application to engage in high volume horizontal fracking.

Woolsey should not be given a permit to engage in fracking in the state of Illinois – Southern Illinoisans' water supplies, health, safety and livelihoods are at risk.

Sincerely,
Peggy Lehman

[REDACTED]



Virus-free. www.avast.com

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Susan Leibowitz <act@fwwatch.org>
Sent: Sunday, June 18, 2017 2:15 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Susan Leibowitz



Brown, Ronda

From: Susan Leibowitz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 5:25 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Leibowitz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Nancy Leiting [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:46 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Nancy Leiting
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kristin Lems [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 8:39 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

Woolsey Operating Company, LLC has applied for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. I oppose this permit, and I ask you to decline the application for this proposed well (Woodrow #1H-310408-193, in White County). It would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

The problems include:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kristin Lems
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Elizabeth Lennon <act@fwwatch.org>
Sent: Sunday, June 18, 2017 10:15 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Elizabeth Lennon



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Carol Lentz <act@fwwatch.org>
Sent: Saturday, June 17, 2017 6:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Carol Lentz



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Eve Danner Lentz <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 9:13 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Eve Danner Lentz



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Eve Lentz <act@fwwatch.org>
Sent: Wednesday, June 21, 2017 8:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Eve Lentz



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Aldo Lenzi <act@fwwatch.org>
Sent: Saturday, June 17, 2017 2:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Aldo Lenzi



Brown, Ronda

From: Anne Marie Leofanti [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:32 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Anne Marie Leofanti
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Heriberto Leon [REDACTED]
Sent: Saturday, June 24, 2017 9:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Heriberto Leon
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Sandra Leon [REDACTED]
Sent: Thursday, July 27, 2017 3:33 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

Im submitting comments for the above referenced application.

HVHHF-000001 Missing Data-No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

Sandra

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mildred Leonard <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

We just passed the Future Energy Jobs Act in Illinois, for clean energy and jobs. Let's keep it that way!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Mildred Leonard

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Mildred Leonard [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:47 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mildred Leonard
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Anna Leopold <act@fwwatch.org>
Sent: Monday, June 19, 2017 5:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Anna Leopold



Brown, Ronda

From: Alejandro Lerma [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:03 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Alejandro Lerma
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kathleen Lerner [REDACTED]
Sent: Thursday, July 27, 2017 11:56 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 is a mistake for Illinois

Sirs (and ladies)

The HVHHF -000001 plan and fracking in general is a timebomb for the general welfare of our environment as well as legal ramifications that are evident in this poorly envisioned effort to put fracking into the language of Illinois.

In general, the Woolsey application is woefully lacking in data and information required by the General Assembly and the IDNR to protect public health and the environment. 2. From the information that IS provided, a number of concerns arise, including but not limited to:

Exceptionally large water withdrawals from groundwater resources are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption.

Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.

Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.

Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected

Failure to preserve topsoil and an inadequate storm water management plan Deficient surface and groundwater sampling

There's so much more. Please do not allow anything from this application to go through, on any basis.

Kathleen Lerner
[REDACTED]

Brown, Ronda

From: Lloyd Lesmeister [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:37 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lloyd Lesmeister
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Robin Lester [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 26, 2017 11:12 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located. Otherwise, we'll suggest adjacent to YOUR property.

From the information that is provided, the following issues generate concern:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention these serious likely problems. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Robin Lester
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Andrew Levine [REDACTED]
Sent: Thursday, July 27, 2017 11:07 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 - Public Comment

Hello,

My name is Andrew Levine and I am a resident of Chicago. I am submitting this public comment asking you to please ban fracking in Illinois.

In general, the Woolsey application is woefully lacking in data and information required by the General Assembly and the IDNR to protect public health and the environment.

From the information that IS provided, a number of concerns arise, including but not limited to:

- Exceptionally large water withdrawals from groundwater resources are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption.
- Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
- Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
- Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected
- Failure to preserve topsoil and an inadequate storm water management plan
- Deficient surface and groundwater sampling

For the reasons above, please ban fracking in Illinois.

Andrew Levine

Brown, Ronda

From: Deborah Levine <info@actionnetwork.org>
Sent: Friday, June 23, 2017 8:52 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Deborah Levine

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Margaret Levy [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:30 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Margaret Levy
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Rachel Levy [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rachel Levy
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Holly Lewandowski <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Holly Lewandowski



Brown, Ronda

From: Brad Lewis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:11 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am saying NO to fracking....

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Brad Lewis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jody Lewis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:01 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jody Lewis
[REDACTED]

(847) 726-8119

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Joe Lewis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Joe Lewis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kathy Lewis [REDACTED]
Sent: Thursday, July 27, 2017 9:09 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

HVHHF-000001

I am opposed to fracking in Illinois. Fracking contributes to both toxic air and water pollution in nearby communities. The methane leakage produced by fracking is a significant contributor to climate change.

Kathy Lewis
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lacey Wyant Lewis <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lacey Wyant Lewis



Brown, Ronda

From: Laurel Lewis [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:05 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

No fracking...please reject this permit...

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Laurel Lewis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Rm Lewis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:46 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rm Lewis
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Bob Lichenbert [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:59 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bob Lichenbert
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Robert Liden [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:44 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Robert Liden
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Tonya Lillie [REDACTED]
Sent: Monday, June 26, 2017 6:08 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff, I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below. The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to: 1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption. 2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate. 3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection. 4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected. 5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate. 6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources. Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Fracking can never be 'safe'. Interest chemicals will leak out eventually, if not in our life times then in our children's or grandchildren's life times. Are we really willing to risk disease and deformity on our descendants in exchange for a buck now?

Tonya Lillie
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Karen Lilly <act@fwwatch.org>
Sent: Saturday, June 17, 2017 2:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Karen Lilly



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jerry Lindberg <act@fwwatch.org>
Sent: Wednesday, July 26, 2017 9:28 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

COMMENTS on HVHHF #000001: Supplemental Application Information

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Section 09: Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment:

Woolsey inadequately reports their plans and even intentions to monitor the volume of flowback water following injection to ensure that fugitive effluent is accounted for. Woolsey also inadequately represents the basis of their assumptions for necessary volume of flowback water storage.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment:

The threshold of feasibility is not defined, making it impossible for IDNR to determine whether methods for water withdrawal minimization were adequate or even considered by the applicant.

The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This usage directly competes with and over 275,000 acres of private, agricultural operations and animal operations bringing over \$9 million in revenue to the county.

No justification is given by the Applicant for the extreme volume of water proposed for use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Failure to address the extreme volume of water necessary for operations and to specify what minimization methods were used to determine the feasibility of sustained water usage against vulnerable users in the region presents a failure of the Water Source Management Plans.

Section 12: Casing & Cementing Plan

Section 12, Page 2: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions:

- Will IDNR ensure that inspectors are present at all settings and cementings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 12, Page 2: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions:

- Will IDNR ensure that inspectors are present for all said testing?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the BOP fail?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the BOP was successfully tested?

Section 12, Page 2 & Page 3: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR ensure that inspectors are present at all testings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the testing fail?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

I look forward to receiving your reply to these important questions before such a time as the permit is approved by the IDNR.

Sincerely,

Mr. Jerry Lindberg



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jerry Lindberg <act@fwwatch.org>
Sent: Wednesday, July 26, 2017 9:27 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

COMMENTS on HVHHF #000001: Supplemental Application Information

Section 16: Public Notice

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

Comments/Questions:

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Section 09: Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment:

Woolsey inadequately reports their plans and even intentions to monitor the volume of flowback water following injection to ensure that fugitive effluent is accounted for. Woolsey also inadequately represents the basis of their assumptions for necessary volume of flowback water storage.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment:

The threshold of feasibility is not defined, making it impossible for IDNR to determine whether methods for water withdrawal minimization were adequate or even considered by the applicant.

The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This usage directly competes with and over 275,000 acres of private, agricultural operations and animal operations bringing over \$9 million in revenue to the county.

No justification is given by the Applicant for the extreme volume of water proposed for use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Failure to address the extreme volume of water necessary for operations and to specify what minimization methods were used to determine the feasibility of sustained water usage against vulnerable users in the region presents a failure of the Water Source Management Plans.

Section 12: Casing & Cementing Plan

Section 12, Page 2: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

Comments/Questions:

- Will IDNR ensure that inspectors are present at all settings and cementings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 12, Page 2: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions:

- Will IDNR ensure that inspectors are present for all said testing?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the BOP fail?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the BOP was successfully tested?

Section 12, Page 2 & Page 3: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR ensure that inspectors are present at all testings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the testing fail?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

I look forward to receiving your reply to these important questions before such a time as the permit is approved by the IDNR.

Sincerely,

Mr. Jerry Lindberg



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Steven Linder <act@fwwatch.org>
Sent: Friday, June 23, 2017 4:20 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Steven Linder



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Deb Lindholm <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:12 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Deb Lindholm



Brown, Ronda

From: Patrick Linehan [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 9:05 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Patrick Linehan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Debbie Link [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:06 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Debbie Link
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kristen Linscott [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 9:53 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kristen Linscott
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Cynthia Linton [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, July 14, 2017 9:51 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cynthia Linton
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jennifer Linton [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, July 15, 2017 8:39 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jennifer Linton
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Bill Linz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:01 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bill Linz
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Linzmeier` <act@fwwatch.org>
Sent: Saturday, June 17, 2017 6:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Linzmeier`



Brown, Ronda

From: Robert Linzmeier [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Robert Linzmeier
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of James Lionikis <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. James Lionikis



Brown, Ronda

From: Skylar Lipman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 11:56 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Skylar Lipman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ellen Lipo <act@fwwatch.org>
Sent: Saturday, June 17, 2017 4:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Ellen Lipo



Brown, Ronda

From: Mary Liss [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:38 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Liss
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Bill Little [REDACTED]
Sent: Thursday, July 27, 2017 9:13 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

HVHHF-000001

To Whom it May Concern:

I am opposed to both this particular application and to fracking in the State of Illinois in general. Experience shows that fracking contributes to both toxic air and water pollution in the surrounding communities. The State of Illinois needs to move into the future with clean, renewable energy, NOT with destructive methods of finding and burning fossil fuels.

Please, deny this application and any future applications and keep fracking OUT of Illinois.

Thank you,

William Little
[REDACTED]

Brown, Ronda

From: William Little [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 10:13 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

William Little
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brett Litwiller <act@fwwatch.org>
Sent: Monday, June 19, 2017 5:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I lived in Oklahoma for many years. I saw the connection between Fracking, water pollution, and earthquakes. I sincerely hope you don't choose short-term profit over long-term growth and sustainability.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Brett Litwiller



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diana Litz <act@fwwatch.org>
Sent: Sunday, June 18, 2017 12:15 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Diana Litz



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kathy Livingston <act@fwwatch.org>
Sent: Wednesday, June 28, 2017 5:10 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 28, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

I am extremely concerned about the potential for earthquakes since we sit near two major fault lines, the Wabash and the New Madrid.

Additionally, these operations do not bring jobs to an area the way they say they will. They often bring criminal activity and create a lack of safety to the regions in which they enter.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kathy Livingston



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kathy Livingston <act@fwwatch.org>
Sent: Wednesday, June 28, 2017 5:11 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 28, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

I am extremely concerned about the potential for earthquakes since we sit near two major fault lines, the Wabash and the New Madrid.

Additionally, these operations do not bring jobs to an area the way they say they will. They often bring criminal activity and create a lack of safety to the regions in which they enter.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kathy Livingston



Brown, Ronda

From: Allison Liwanag [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 5:25 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Allison Liwanag
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dave Llewellyn [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dave Llewellyn
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Alicia Lo <act@fwwatch.org>
Sent: Saturday, June 24, 2017 8:22 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Alicia Lo



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marnie Locke <act@fwwatch.org>
Sent: Sunday, June 25, 2017 11:22 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Marnie Locke



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of John Loebel <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. John Loebel



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Gary Lofgren <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Gary Lofgren



Brown, Ronda

From: Gary Lofgren [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:19 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Gary Lofgren
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Trent Busse <act@fwwatch.org>
Sent: Saturday, June 24, 2017 8:20 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Trent Busse



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mike Butche <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Mike Butche



Brown, Ronda

From: Mike Butche [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mike Butche
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of David Butler <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. David Butler



Brown, Ronda

From: Sandra Bush [REDACTED]
Sent: Tuesday, June 27, 2017 6:37 AM
To: DNR.HFPublicComments
Subject: [External] Fracking in Illinois

Please do not allow Woolsey (or anyone else) to have a fracking permit until the problems connected to the practice are resolved. There are too many dangers to the environment by this practice, and no way to repair the damage caused.

Please remember that we hold this precious environment in trust for future generations.

Sandra Bush
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Cynthia Buskohl <act@fwwatch.org>
Sent: Saturday, June 24, 2017 9:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Cynthia Buskohl

A large black rectangular redaction box covering the signature area of the letter.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Thomas V. Butler <act@fwwatch.org>
Sent: Monday, June 19, 2017 8:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Thomas V. Butler



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Anthony Buttitta <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Anthony Buttitta



Brown, Ronda

From: Anthony Buttitta [REDACTED]
Sent: Friday, June 23, 2017 2:31 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

As a resident of Illinois and a human being, I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Anthony Buttitta

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Patty Buttlere <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Patty Buttlere



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sharon Butler <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:42 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sharon Butler



Brown, Ronda

From: Sharon Butler [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 5:48 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sharon Butler
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Thomas V. Butler <act@fwwatch.org>
Sent: Monday, June 19, 2017 8:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Thomas V. Butler



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Anthony Byrne <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Anthony Byrne



Brown, Ronda

From: John Byrne [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

John Byrne
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Charles Byrne <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Charles Byrne



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Joseph Byrne <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Joseph Byrne



Brown, Ronda

From: Richard Byrne [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:35 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Richard Byrne
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Charles Byrne [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:49 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Charles Byrne
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Doug C <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Doug C



Brown, Ronda

From: V Caban [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 10:21 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

V Caban
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Jacqueline Cady [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 11:13 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jacqueline Cady
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Charlene Cagney <act@fwwatch.org>
Sent: Thursday, June 22, 2017 4:16 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Charlene Cagney



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bill Cahill <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Bill Cahill



Brown, Ronda

From: Kevin Cahill [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, July 14, 2017 3:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kevin Cahill
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kevin Cahill [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:48 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kevin Cahill
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kevin Cahill [REDACTED]
Sent: Monday, June 26, 2017 4:49 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Kevin Cahill
[REDACTED]

Brown, Ronda

From: Philip Calcagno [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:17 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Philip Calcagno
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jerry Caldwell <act@fwwatch.org>
Sent: Monday, June 19, 2017 7:25 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Jerry Caldwell



Brown, Ronda

From: Kate Caldwell [REDACTED]
Sent: Tuesday, June 27, 2017 7:15 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

STOP TAKING CHANCES WITH OUR PRECIOUS FRESH WATER. IDNR Oil and Gas Regulatory Staff, I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below. The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to: 1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption. 2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate. 3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection. 4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected. 5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate. 6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources. Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Kate Caldwell
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Catherine Callaghan <act@fwwatch.org>
Sent: Monday, June 26, 2017 6:37 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Catherine Callaghan



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Maeve Callaghan <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Maeve Callaghan



Brown, Ronda

From: Matt Callaghan [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:30 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Matt Callaghan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mary Camardo [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 7:14 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Camardo
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Laura Campbell [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:47 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Laura Campbell
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rosie Campbell <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Rosie Campbell



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Paul Champion <act@fwwatch.org>
Sent: Wednesday, June 21, 2017 7:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I strongly recommend that you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials. Substantial evidence has been compiled linking fracking with poisoned water supplies and earthquakes.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.


Lastly, it is extremely well established that the health and wellbeing of humans and the earth system is dependent upon a rapid transition away from carbon intensive fossil fuels towards renewable energy. We need to be replacing current fossil fuel extraction facilities with renewables, not granting new permits.

Do your job and protect Illinois people not Mr. Woolsey's thick wallet.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Paul Champion



Brown, Ronda

From: Lee Canel [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:07 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lee Canel
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brenda Canning <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Brenda Canning



Brown, Ronda

From: Robert Cantwell [REDACTED]
Sent: Monday, June 26, 2017 6:47 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff, I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below. The application should be supported.

Fracking has been shown to be a safe and effective way of harvesting hydrocarbon fuels. It has also created jobs and boosted economies in several areas of the country and lord knows Illinois could use the help.

The environmental alarmists consistently have ignored and misrepresented the facts about Hydrolic Fracking. It can be done cleanly and safely and gives the US a best chance for energy independence while alternative energy systems are being made feasible!

Please approve!

Robert Cantwell
[REDACTED]

Brown, Ronda

From: Judith Cape [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 4:16 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Judith Cape
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Renee Caputo [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 9:48 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in opposition to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

How is it the science needed to guide intelligent policy on such a huge issue is lacking???

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Renee Caputo
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of renee Caputo <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

As a citizen of Illinois who has a well as their only source of water I am adamantly against fracking and its' proven pollution and dangers.

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Science and the protection of public health must guide policy.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. renee Caputo



Brown, Ronda

From: Alyssa Carabez [REDACTED]
Sent: Friday, June 23, 2017 3:46 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water, and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry! Please deny the Woolsey Operating Company a fracked well permit! There are actual green energies the state can be investing in that do not compromise our health and environment!

Alyssa Carabez

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: R. Peter Carey [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 10:54 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

R. Peter Carey
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: R. Peter Carey [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 9:18 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

R. Peter Carey
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kathleen Carl [REDACTED]
Sent: Wednesday, June 07, 2017 3:39 PM
To: DNR.HFPublicComments
Subject: [External] OPPOSED: Woolsey Operating Company Fracking Permit

Review Number HVHHF-000001

The research and the science are irrefutable, fracking hurts the environment and therefore HURTS PEOPLE. Companies may not profit at the expense of Illinois citizens, who will be left to endure and clean up after earthquakes and poisoned water.

Kathleen Carl
[REDACTED]
Registered voter since 1975

Brown, Ronda

From: pauline carlesen [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:45 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

pauline carlesen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dawn Carlson [REDACTED]
Sent: Tuesday, July 11, 2017 3:34 PM
To: DNR.HFPublicComments
Cc: Dawn Dannenbring; Dawn Carlson
Subject: [External] Requesting clarification

To Whom It May Concern:

I would like to submit comments on the Woolsey HVHHF supplemental information but I cannot find information on your website as to how to reference these comments. On the Woolsey "Supplemental Application Information" section 01- Application Well Information, the Applicant Registration Number Information is listed as HVHHF- 00003 but in the subsequent sections, in the title of Woolsey's documents, it is entitled HVHHF-10.

Please send me the correct designation and procedures and post them on your website so that all comments are able to be submitted accurately.

Sincerely,
Dawn Dannenbring-Carlson

[REDACTED]

Brown, Ronda

From: Dawn Carlson [REDACTED]
Sent: Wednesday, July 12, 2017 2:21 PM
To: DNR.HFPublicComments
Cc: Dawn Dannenbring; Dawn Carlson
Subject: [External] HVHHF #000001

HVHHF #000001

To Whom It May Concern:

I am writing on behalf of Illinois People's Action regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit. We submitted an initial set of comments on the initial application on June 26. We are now writing regarding the Supplemental Application Information provided by Woolsey.

We noted during our initial submission of comments that the Woolsey application was woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, we assert that they should not be given a permit to engage in fracking in the state of Illinois

Sincerely,

Dawn Dannenbring, Environmental Organizer

Illinois People's Action
[REDACTED]

COMMENTS on HVHHF #000001 Supplemental Application Information

Section 09 Water Source Management Plan

(f) Identify the methods to be used to minimize impact to aquatic life.

Comment: Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

Comment: Woolsey states that it is “not in the interest of the applicant to overuse water in the HVHHF process” but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application’s Water Source Management Plan*: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of

7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVVHF of from “4.4 to 5 million gallons per well.”

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois’ reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVVHF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**
 - Which is correct?
 - Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
 - Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the "Wheel Wash" they describe will be installed and monitored at the location named?

Section 2.10 "Control of Other Air Emissions": Under the heading "Appropriate emission", it states that "Low-Sulfur Diesel will be used when possible."

Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

Section 12: The Containment Plan

Page 2 of this section states: "During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common secondary containment area. The secondary containment will be inspected as required by 245.820."

Comment:

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

Section 12: Casing & Cementing Plan

Page 2 of this section states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: “Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal” (sic). “Prior to testing the BOP, IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed.

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: “Prior to setting and cementing of the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present.”

Comments/Questions

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: “Prior to testing the casing the IDNR’s District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes.

Comments/Questions:

- Will IDNR have an inspector present?
- How will this be documented?

Section 16: Public Notice

Page 1 of this section states: “If necessary, a public hearing is scheduled for the 02 day of August, 2017....”

Comments/Questions:

- Who determines if it is “necessary”?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?

Brown, Ronda

From: Dawn Carlson [REDACTED]
Sent: Monday, July 24, 2017 1:12 PM
To: DNR.HFPublicComments
Subject: [External] HVVHF #000001

To Whom It May Concern,

Monday, January 27th, 2014, the casing blew out of a Woosley Operating Company oil rig near Highway 15 southeast of Fairfield, IL. Two Southern Illinoisans Against Fracturing our Environment (SAFE) volunteers witnessed the wreckage the following morning. Local reports said that two workers were injured in the explosion. Now, three and a half years later, Woolsey wants to engage in high volume horizontal fracking in Illinois.

Did Woolsey report the accident when it applied for the new permit? Please note that they reported it was a hydrogen vertical frack but nitrogen trucks were photographed on the scene.

If Woolsey can't frack a vertical well without problems, they should not be trusted to engage in high volume horizontal fracking. Based on this track record, we urge you to deny Woolsey a HVVHF permit.

Sincerely,

Dawn Dannenbring
Illinois People's Action

Brown, Ronda

From: Dawn Carlson [REDACTED]
Sent: Monday, June 26, 2017 1:43 PM
To: DNR.HFPublicComments
Cc: Dawn Dannenbring
Subject: [External] Fwd: HVHHF #000001 Re Woolsey Application for High Volume Horizontal Fracking

----- Forwarded message -----

From: Dawn Carlson [REDACTED]
Date: Mon, Jun 26, 2017 at 12:36 PM
Subject: HVHHF #000001 Re Woolsey Application for High Volume Horizontal Fracking
To: IDNR.HFPublicComments@illinois.gov
Cc: Dawn Dannenbring <dawn@ciop.org>

HVHHF #000001

The Woolsey application for a High Volume Hydraulic Fracturing Permit is the first application since the passage of the Hydraulic Fracturing Regulatory Act on 6/17/13. As such, it is a critical test case in how the IDNR will address future permit applications and comments by the public.

On behalf of Illinois People's Action, I am writing to urge IDNR to deny the Woolsey HVHHF #000001 application for a variety of reasons, not the least of which include, but aren't limited to:

1. Overarching generalities and deficiencies in the application,
2. Specific concerns about deficiencies where information IS provided,
3. Failure to address a mounting body of evidence in the scientific community on the risks and harms associated with fracking that has come to light since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. Specifically, the NY Compendium of Scientific, Medical and Media Findings, 4th edition, has 924 citations on the risks and harms of fracking, 692 of which have been published since the passage of the HFRA.

NOTE:

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHHF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

Sincerely,

Dawn Dannenbring, Environmental Organizer



COMMENTS on HVVHF #000001

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water -** Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVVHF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated -** The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the “drilling objective” is the New Albany Shale but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.

5. **Failure to Clearly Identify the Confining Zone -** Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.

6. **Missing Data -** There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.

7. **Confusing Data-** The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.

8. **Inadequate Information-** Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.

9. **Missing Data-** Surface Training Pressure Range- This information is entirely missing.

10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. **Missing Data-**No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHHF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

Water Source Management Plan- Document 9

14. **Failure to Propose Methods to Minimize Water Withdrawals** One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application’s Water Source Management Plan: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use”

doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHWF of from “4.4 to 5 million gallons per well.”

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois’ reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant’s failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that “Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion.”

Concern about the inadequacy of Applicant’s efforts to minimize water use is further reinforced by plan’s only stated “method” for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly’s intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of “reasonable use” of the state’s groundwater and the regulatory requirement to “minimize water withdrawals as much as feasible” is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state’s statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant's Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHHF water supply wells) and a surface water body (a stock pond). *A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program.* (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. Inadequate information on Fracturing Fluids- The Applicant's Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."

17. Unrealistic Rate of Flowback Recovery Proposed- The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. Inadequate Information on Storage Tanks- The application states that the storage tanks will meet the qualities for the "purpose built." There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. No Testing Plan for Flowback Water- This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. Use of Earthen Containment Berms- The plan states that the flowback storage tanks will be "enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume." No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR's numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. **No Clarity for NORM Sampling to Undefined “Black Shale”**- Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material (“NORM”). This section limits the drill cuttings to be tested for radioactivity to “black shale.” Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the “black shale” subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be “black shale,” in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. **Safety Considerations of the General Public**- There is virtually no consideration given to the safety of members of the general public that may be in the site’s vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. **The Containment Plan is completely inadequate.** It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. **Missing Information in the Casing and Cementing Plan**- The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois’ regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. **Traffic Avoidance of the Wabash River**- The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. **Specification of Earthquake area or floodplain missing or inadequate**- The Department’s form requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate**- The Department’s form requires that the Topsoil Preservation Plan must be provided with “detail.” (“Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil . . .”). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the

soil by just spreading it around the site. Accordingly, it does not appear to be a “preservation” plan at all given this lack of detail.

Water Quality Monitoring Plan

29. Inadequate Water Quality Monitoring Plan- The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant’s monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. Data Analysis Procedure Plan Inadequate- The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled “Data Analysis Procedures.” The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that “the method to be used under this plan is *based on* (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology.” Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

31. Water Quality Monitoring Work Plan is not “independent”- The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. Lack of Clarification on “Black Shale” subject to sampling- As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase “black shale” is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the “black shale” that will be tested pursuant to this requirement.

33. Need to Clarify If Filters Will Be Used and Tested for Radioactivity.- One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

34. **Insufficient bond**- The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Brown, Ronda

From: [REDACTED] on behalf of Don Carlson [REDACTED]
Sent: Monday, June 26, 2017 1:58 PM
To: DNR.HFPublicComments
Subject: [External] Objection to permit application HVHHF #000001

HVHHF #000001

The Woolsey application for a High Volume Hydraulic Fracturing Permit is the first application since the passage of the Hydraulic Fracturing Regulatory Act on 6/17/13. As such, it is a critical test case in how the IDNR will address future permit applications and comments by the public.

I am writing to urge IDNR to deny the Woolsey HVHHF #000001 application for a variety of reasons, not the least of which include, but aren't limited to:

1. Overarching generalities and deficiencies in the application,
2. Specific concerns about deficiencies where information IS provided,
3. Failure to address a mounting body of evidence in the scientific community on the risks and harms associated with fracking that has come to light since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. Specifically, the NY Compendium of Scientific, Medical and Media Findings, 4th edition, has 924 citations on the risks and harms of fracking, 692 of which have been published since the passage of the HFRA.

Don Carlson
[REDACTED]

Brown, Ronda

From: Kimberly Carr [REDACTED]
Sent: Friday, July 28, 2017 11:11 AM
To: DNR.HFPublicComments
Subject: [External] Public Comments re: HVHHF #000001
Attachments: Public Comments re HVHHF 000001.pdf

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of The People's Lobby and Reclaim Chicago regarding the Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

The Woolsey application is woefully inadequate. There are overarching generalities and deficiencies in the initial application and supplemental information, not to mention problems where information was actually provided. The attached comments highlight areas of deficiency and concerning omissions in both the supplemental information and the original application.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking.

Woolsey should not be given a permit to engage in fracking in the state of Illinois -- Southern Illinoisans' water supplies, health, safety, and livelihoods are on the line.

Sincerely,
Kim Carr
[REDACTED]

Brown, Ronda

From: Rebecca Carreno [REDACTED]
Sent: Friday, June 23, 2017 2:47 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Rebecca Carreno

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Joyce Carroll <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Joyce Carroll



Brown, Ronda

From: Kevin Carroll [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:14 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kevin Carroll
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Sharon Carroll [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, July 15, 2017 1:26 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sharon Carroll
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kevin Carroll [REDACTED]
Sent: Friday, June 23, 2017 6:15 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Kevin Carroll
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bonnie Carter <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Bonnie Carter



Brown, Ronda

From: Bonnie Carter <info@actionnetwork.org>
Sent: Saturday, June 24, 2017 9:56 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Bonnie Carter

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Joyce Case <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Joyce Case



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kathleen Casey <act@fwwatch.org>
Sent: Thursday, June 22, 2017 7:16 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kathleen Casey



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jaymie Cashion <act@fwwatch.org>
Sent: Monday, June 19, 2017 12:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jaymie Cashion
none



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kathy Casiello <act@fwwatch.org>
Sent: Monday, June 19, 2017 1:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Kathy Casiello



Brown, Ronda

From: Bonnie Casper [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:03 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bonnie Casper
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Claudia Cass <act@fwwatch.org>
Sent: Saturday, June 17, 2017 3:44 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Claudia Cass



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of K Castelluccio <act@fwwatch.org>
Sent: Saturday, June 17, 2017 1:19 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. K Castelluccio



Brown, Ronda

From: K Castelluccio [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:53 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

K Castelluccio
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Donny De Castro [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:14 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Donny De Castro
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lynn Castro [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:54 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lynn Castro
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Hillary Catrow [REDACTED]
Sent: Friday, June 02, 2017 12:26 PM
To: DNR.HFPublicComments
Subject: [External] IL Fracking (HVHHF-000001)

Please say no to the Woolsey Operating Co fracking permit.

My husband and I travel down there so often. We would be devastated by the damage that fracking will cause.

Focus on green and renewable energy instead. It's the future!

Thank you.

--
Hillary Elizabeth Catrow
Email: [REDACTED]

Brown, Ronda

From: Cheryl Brumbaugh-Cayford [REDACTED]
Sent: Thursday, July 27, 2017 11:52 AM
To: DNR.HFPublicComments
Subject: [External]

To the IDNR Oil and Gas Regulatory staff,

I write as a concerned citizen of the state of Illinois, to request that you deny the application by Woolsey Operating Company for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

My understanding is that the Woolsey application is inadequate, but I also want to express my fervent opposition to fracking here in our state. The dangers to public health and our natural environment, not to mention the stability of our land to prevent earthquakes, far outweigh any benefits of fracking.

The Woolsey application will overuse water, by twice the amount usual for these operations. Please note that our state has had droughts in the last ten years. This is also a violation of Illinois' reasonable use doctrine.

The Woolsey Directional Drilling Plan provides drilling lengths and depths that do not match the depth in the scaled cross-section, and it has failed to provide Geological Survey Data that is necessary to insure no contamination of fresh water.

There is additional missing data, confusing data, inadequate information, and no information on important issues, in the documents. For example, Illinois is one of the eight states affected by the New Madras Fault, and Woolsey does not identify if the well site location is in an earthquake area or a regulatory floodplain--another requirement that the company has ignored.

Given this company's lack of ability simply to fill out a decent application, there is no assurance of their ability to adhere to the Hydraulic Fracturing Regulatory Act (HFRA). Woolsey should not be given a permit to engage in fracking in the state of Illinois.

Sincerely,

Cheryl Brumbaugh-Cayford
[REDACTED]

Brown, Ronda

From: Cisley Celmer [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 1:50 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cisley Celmer
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: genie cesarotti [REDACTED]
Sent: Friday, July 07, 2017 9:13 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

genie cesarotti
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ryan Chaglasian <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:48 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Ryan Chaglasian



Brown, Ronda

From: Ryan Chaglasian [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:18 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ryan Chaglasian
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Claudia Chalden [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:10 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Claudia Chalden
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Kathryn Chamberlain [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 6:25 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kathryn Chamberlain
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Lora Chamberlain [REDACTED]
Sent: Tuesday, July 25, 2017 3:12 PM
To: DNR.HFPublicComments
Subject: [External] Comments Regarding Permit: HVHHF #000001

Re: HVHHF #000001

Dear IDNR Staff:

I, and the other members of Frack Free Illinois, are extremely concerned regarding the Woolsey application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001). We ask that you deny the permit based on the reasons below.

- 1) The initial Woolsey application was grossly inadequate with numerous deficiencies, and did not comply with the Hydraulic Fracturing Regulatory Act (HFRA). We are concerned about Woolsey's willingness to adhere to the regulations in HFRA. Woolsey's laxness with HFRA requirements during this application process is a disconcerting sign which brings up questions as to whether they will be compliant with the law when they actually start the process of high volume horizontal fracking. Based on their behavior already we ask that you deny this permit.
- 2) Southern Illinoisans' valuable water resources are at risk. Woolsey's Water Source Management Plan proposes use of a total of 7,500,000 gallons of local groundwater in its operations. This quantity of water is extremely wasteful in an area where aquifers can be drained easily. The Department itself considers the "most commonly reliable figure" for HVHHF to be from "4.4 to 5 million gallons per well." Woolsey's assurances that they will not be wasteful of the water fall flat. We call on the IDNR to deny their plans to overuse the ground water - why would they not be in violation of Illinois' reasonable use doctrine for groundwater withdrawals? Illinois has already had two significant droughts in Southern IL, in the past 10 years. Please act carefully with our water resources - deny the Woolsey permit based on excessive planned water use.
- 3) Fracking induced earthquakes have been proven, and can be quite significant, having been the source of much property damage already in states such as OK. Frackquakes are of grave concern for Southern Illinoisans. The Woolsey well location is in the active earthquake area of the Wabash Valley, yet there is no earthquake rider in the insurance documents provided in the application, nor earthquake modifications to any of the required plans. We request that the IDNR do your due diligence and check with the USGS to see if Woolsey is out of compliance with 62 ILL. ADM. CODE, Section 245.210 (d): [If any part of the well or well site identified in subsection (a)(2) is in an area identified by the U.S. Geological Service as having a 2% or more probability of exceedance (in 50 years) of peak ground acceleration of 0.4 standard gravity (g) or more, then the plans submitted per subsections (a)(11) (Hydraulic Fracturing Fluids and Flowback Plan), (a)(12) (Well Site Safety Plan), (a)(13) (Containment Plan) and (a)(14) (Casing and Cementing Plan) shall identify measures the applicant will take to protect the components in those plans against an earthquake of M 4.5 or more, and the insurance policy identified in subsection (a)(19) shall have a rider providing coverage against loss or claims resulting from impacts from any aspect of the permitted operations following earthquakes of M 4.5 or more.]

If Woolsey is out of compliance with any aspect of HFRA's requirements in this revised application then we ask that you deny their permit - 2 strikes and they should be out! The process of high volume

fracturing is a complex, dangerous process, and we know that the IDNR does not have enough regulators to be constantly monitoring for compliance with HFRA. Trust is required between the IDNR and well operators that they will self report on a number of crucial, dangerous issues. If Woolsey is not in compliance during the application process then there is not one reason for the IDNR to trust that they will remain in compliance during their drilling and fracturing operations.

Sincerely,

Dr. Lora Chamberlain

Organizer - Frack Free Illinois

[Redacted]

[Redacted]

[Redacted]

Brown, Ronda

From: Lora Chamberlain [REDACTED]
Sent: Friday, July 28, 2017 2:08 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments to the IDNR regarding Permit: HVHFF #000001

TO: Illinois Department Of Natural Resources
Attention: Oil and Gas Regulatory Staff
One Natural Resources Way
Springfield, IL 62702

Re: HVHFF #000001

Applicant: Woolsey Operating Company, LLC, a Kansas limited liability corporation

Location: Between Springerton and Enfield, about 1.3 miles west of US Route 45;
the site is bounded by County Road 1825 N on the north,

County Road 50E on the west, and County Road 1725 N to the south

Information located online at: <https://www.dnr.illinois.gov/OilandGas/Pages/PendingPermitApplications.aspx>

My name is Dr. Lora Chamberlain, I am an organizer for Frack Free Illinois. We are a large group of Illinois citizens who are extremely concerned about the many dangerous aspects of fracking to the residents, water and environment of Illinois.

In the name of the members of Frack Free Illinois, I am echoing the concerns of Richard J. Whitney, of SAFE, Southern Illinoisans Against Fracturing Our Environment, regarding Woolsey Operating Company LLC's application for a high-volume horizontal hydraulic fracturing permit in White County, IL.

The IDNR regulations at 62 Ill. Admin. Code § 245.210 (b)(7) require applicants to “submit a radioactive materials management strategy to test for and identify, manage, transport and dispose of any radioactive materials utilized or generated during the course of HVHFF operations.”

Woolsey's application appears to be in compliance with the requirement to test for and identify radioactive materials—but nothing else. It therefore does not qualify as a “strategy” that meets the other requirements. This is especially alarming, and cannot be deemed adequate, in light of the fact that technologically enhanced naturally occurring radioactive materials (TENORM) brought to the surface and/or deposited on oil-field equipment in Southern Illinois is generally much more radioactive than in other regions nationally—and White County, in particular, has shown elevated radioactivity in oilfield equipment and soils more commonly than in the rest of Southern Illinois. (See USGS Fact Sheet, FS-142-99—<https://pubs.usgs.gov/fs/fs-0142-99/fs-0142-99.pdf> , and James K. Otton, et al., Effects of produced water at some oilfield production sites in Southern Illinois, U.S.G.S. Open File Report 97-448, July 1997, pp. 6-7, 83—<https://pubs.er.usgs.gov/publication/ofr97448>)

Stating the deficiencies with greater particularity:

1. It does not identify what level of detected emissions in produced water, sludge, drilling mud, accumulated mineral scales on pipes and equipment, or in surrounding soil or surface water, will trigger removal or remedial action of any kind.

2. It does not identify—either in its Radioactive Materials Management Plan or its Site Safety & Health Plan—what level of workers’ exposure to radioactive emissions will trigger remedial action or what type of remedial action will be taken. It does not appear to include any requirement that workers at high risk of exposure will be provided with radiation-detection badges or similar devices that can provide reliable data on actual exposure.

3. The plan acknowledges that “radioactive materials might be removed from the site as wastes or within equipment as the equipment is moved from one site to another.” It states nothing about what precautions or methods will be used to transport radioactive wastes. It implies that radioactive wastes will simply be transported and disposed of in the Class II injection wells described in the Hydraulic Fracturing Fluids and Flowback Plan irrespective of the level or type of radioactive emissions detected. It clearly does not describe any alternative plan or contingency for the disposal of wastes above any given threshold of radioactive emissions.

4. The plan states that “[p]rior to disposal or recycling, materials that are suspected of containing NORM materials will be subjected to field testing and/or laboratory analysis to assess the possible requirement to be managed as radioactive wastes. If warranted, the appropriate NRC and DOT requirements shall be followed.” Using passive voice, it does not state who shall determine what “materials” will qualify as “suspected,” or what criteria shall be used to determine when materials are “suspected” of containing NORM or TENORM materials. It does not cite any specific NRC or DOT requirements. Neither the Atomic Energy Act of 1954 nor the Low-Level Radioactive Waste Policy Act cover NORM. The Nuclear Regulatory Commission has no authority over radioactive oil and gas waste. (Brown, Valerie J., Radionuclides in Fracking Wastewater: Managing a Toxic Blend; Environ. Health Perspect., Feb. 2014; DOI: 10.1289/ehp.122-A50—<https://ehp.niehs.nih.gov/122-a50/>) Thus, at least without citations, the assurance that “appropriate” NRC requirements shall be followed, would appear to be meaningless.

In sum, neither the Radioactive Materials Management Plan nor the Site Safety & Health Plan provides any specific details regarding how radioactive materials above normal background levels—or above any level—will be managed, transported or disposed of any differently than any other materials. The application cannot possibly be deemed to be in compliance with § 245.210 (b)(7) and the public has no basis for concluding that public and environmental health will be adequately safeguarded if this permit is approved. Considering the disastrous consequences that have befallen the state of North Dakota, for example, as a consequence of poor regulation of radioactive wastewater, it would be unconscionable to grant a permit to Woolsey based on this application. (See, e.g., <https://www.desmogblog.com/2016/05/08/duke-university-study-finds-legacy-radioactivity-water-and-soil-contaminated-thousands-fracking-wastewater-spills.>)

The members of Frack Free Illinois urge you to uphold your duty to protect Illinois’ natural resources and our public health and safety, by denying Woolsey Operating Company LLC’s well permit application (HVHHF-000001).

Sincerely,

Dr. Lora Chamberlain

Organizer - Frack Free Illinois

██████████

██████████

Brown, Ronda

From: Lora Chamberlain <info@actionnetwork.org>
Sent: Friday, June 23, 2017 12:57 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Lora Chamberlain

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Brown, Ronda

From: Lora Chamberlain [REDACTED]
Sent: Tuesday, June 27, 2017 3:55 PM
To: DNR.HFPublicComments
Subject: [External] Public comment on HVHHF #000001

Re: HVHHF #000001

Dear IDNR,

Thank you for considering my comments on **HVHHF #000001**.

My name is Dr. Lora Chamberlain, I reside at [REDACTED]. I am an organizer of Frack Free Illinois, a large environmental organization concerned with the dangers of high volume fracking in Illinois - with members in Chicagoland, and throughout the state.

The Woolsey application for a HVHHF Permit in White County is the first permit application since the passage of the 2013 Hydraulic Fracturing Regulatory Act. It is critical that the IDNR consider this permit very carefully.

Please deny the Woolsey HVHHF #000001 application for these general reasons:

- exceptionally large water withdrawals from groundwater resources are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption.
- Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
- Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
- Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected
- Failure to preserve topsoil and an inadequate storm water management plan
- Deficient surface and groundwater sampling
- **The Compendium of Scientific, Medical and Media Findings Demonstrating the Risks and Harms of Fracking, 4th Edition**, <http://www.psr.org/assets/pdfs/fracking-compendium-4.pdf>, now contains 924 citations on the risks and harms of fracking, 692 of those findings have been published since the passage of the HFRA in 2013. The Woolsey application fails to address the newer findings in this report, and many of the older findings as well.

Please deny the Woolsey HVHHF #000001 application for these specific application deficiencies and details:

Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.
3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water** - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

HVHHF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated** - The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the “drilling objective” is the New Albany Shale but later refers to the “objective” being the “Grassy Creek” shale and, later still, describes the “reservoir zone”, and the Semier Shale as the “frac barrier.” These terms are not synonymous and therefore both confusing and inadequate.
5. **Failure to Clearly Identify the Confining Zone** - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the “confining zone” for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.
6. **Missing Data** - There is no information, data, or calculations supplied on either a micro-seismic study or the “historic” use to support whether the identification of the “frac barriers” is technically sound. The application contains no information on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.
7. **Confusing Data-** The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.
8. **Inadequate Information-** Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.
9. **Missing Data-** Surface Training Pressure Range- This information is entirely missing.
10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.
11. **Missing Data-**No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.
12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHHF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important

feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

Chemical Disclosure Report- Document 7

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

Water Source Management Plan- Document 9

14. **Failure to Propose Methods to Minimize Water Withdrawals** One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application’s Water Source Management Plan: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVVHF of from “4.4 to 5 million gallons per well.”

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of "reasonable use" of the state's groundwater and the regulatory requirement to "minimize water withdrawals as much as feasible" is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective.

Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. **Will there be a Fourth Well Drilled by the Applicant on Site-** The Applicant's Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVVHF water supply wells) and a surface water body (a stock pond). *A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program.* (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid

consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

Hydraulic Fracturing Fluids and Flowback Plan- Document 10

16. **Inadequate information on Fracturing Fluids-** The Applicant's Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."
17. **Unrealistic Rate of Flowback Recovery Proposed-** The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated it's needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.
18. **Inadequate Information on Storage Tanks-** The application states that the storage tanks will meet the qualities for the "purpose built." There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.
19. **No Testing Plan for Flowback Water-** This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.
20. **Use of Earthen Containment Berms-** The plan states that the flowback storage tanks will be "enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume." No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR's numbers, the storage proposed will be completely inadequate.

Wellsite Safety Plan- Document 11

21. **No Clarity for NORM Sampling to Undefined "Black Shale"-** Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material ("NORM"). This section limits the drill cuttings to be tested for radioactivity to "black shale." Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the "black shale" subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be "black shale," in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.
22. **Safety Considerations of the General Public-** There is virtually no consideration given to the safety of members of the general public that may be in the site's vicinity. This is unacceptable and a permit should be denied on this basis.

Containment Plan- Document 12

23. **The Containment Plan is completely inadequate.** It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the “earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

Casing and Cementing Plan- Document 13

24. **Missing Information in the Casing and Cementing Plan-** The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois’ regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

Traffic Management Plan- Document 14

25. **Traffic Avoidance of the Wabash River-** The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

Proof of Insurance- Document 18

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

Failure to Specify Earthquake or Floodplain Hazard

27. **Specification of Earthquake area or floodplain missing or inadequate-** The Department’s form requires the applicant to identify whether the insured wellsite location is in a define earthquake area or a regulatory floodplain. The Application meets neither requirement.

Topsoil Preservation Plan- Document 19

28. **Topsoil Plan Inadequate-** The Department’s form requires that the Topsoil Preservation Plan must be provided with “detail.” (“Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil . . .”). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a “preservation” plan at all given this lack of detail.

Water Quality Monitoring Plan

29. **Inadequate Water Quality Monitoring Plan-** The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant’s monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. **Data Analysis Procedure Plan Inadequate-** The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled “Data Analysis Procedures.” The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that “the method to be used under this plan is based on (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology.” Accordingly, no plan is proposed that can be evaluated during the public comment period and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.
31. **Water Quality Monitoring Work Plan is not “independent”-** The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

Radioactive Materials Management- Document 25

32. **Lack of Clarification on “Black Shale” subject to sampling-** As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase “black shale” is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the “black shale” that will be tested pursuant to this requirement.
33. **Need to Clarify If Filters Will Be Used and Tested for Radioactivity.-** One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

Bond- Document 27

Insufficient bond- The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

Please deny the Woolsey permit, **HVHHF #000001**, because of all of the deficiencies listed above. And also because the Hydraulic Fracturing Regulatory Act of 2013 needs to be revisited and revised by the legislators, in light of the new findings of significant dangers as documented in: **The Compendium of Scientific, Medical and Media Findings Demonstrating the Risks and Harms of Fracking, 4th Edition**, <http://www.psr.org/assets/pdfs/fracking-compedium-4.pdf>.

Sincerely,
Dr. Lora Chamberlain
Organizer - Frack Free Illinois



Brown, Ronda

From: Lora Chamberlain [REDACTED]
Sent: Friday, July 28, 2017 2:18 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments to the IDNR regarding Permit: HVHHF #000001

TO: Illinois Department Of Natural Resources
Attention: Oil and Gas Regulatory Staff
One Natural Resources Way
Springfield, IL 62702

Regarding: HVHHF #1, White County
IDNR Review Number HVHHF #000001
Applicant: Woolsey Operating Company, LLC, a Kansas limited liability corporation
Location: Between Springerton and Enfield, about 1.3 miles west of US Route 45;
the site is bounded by County Road 1825 N on the north,
County Road 50E on the west, and County Road 1725 N to the south
Information located online at: <https://www.dnr.illinois.gov/OilandGas/Pages/PendingPermitApplications.aspx>

My name is Dr. Lora Chamberlain, I am an organizer for Frack Free Illinois. We are a large group of Illinois citizens who are extremely concerned about the many dangerous aspects of fracking to the residents, water and environment of Illinois.

In the name of the members of Frack Free Illinois, I am echoing the concerns of SAFE, Southern Illinoisans Against Fracturing Our Environment, regarding Woolsey Operating Company LLC's application for a high-volume horizontal hydraulic fracturing permit in White County, IL

COMMENTS

REVIEW NUMBER HVHHF-000001

Woolsey Operating Company LLC Application for Permit in White County

- 1) IDNR's Public Notice identifies this proposed well as a gas well, while the application indicates that the proposed well is an oil well and that gas will be flared.
- 2) Woolsey Operating Co. LLC was involved in a blowout in Wayne County while the company was fracking a well, and two workers were injured. This company should not be allowed to conduct HVHHF operations.
- 3) Seven million gallons of fresh, potable water are too much to be used for an oil well.
- 4) We are concerned about the loud noise, bright lights, and increased truck traffic that will be created by the operation, especially at night.
- 5) The EPA has concluded that oil and gas operations have contaminated water supplies, and the risk of contaminating fresh water outweighs the benefits of production from this well.
https://www.epa.gov/sites/production/files/2016-12/documents/hfdwa_executive_summary.pdf
- 6) DNR regulations require applicants to "submit a radioactive materials management strategy to test for and identify, manage, transport and dispose of any radioactive materials utilized or generated during the course of

HVHFF operations.” Woolsey’s application appears to be in compliance with the requirement to test for and identify radioactive materials – but nothing else. It therefore does not qualify as a "strategy" that meets the other requirements. This is especially alarming, and cannot be deemed adequate, in light of the fact that technologically enhanced naturally occurring radioactive materials (TENORM) brought to the surface and/or deposited on oil-field equipment in Southern Illinois is generally much more radioactive than in other regions nationally – and White County, in particular, has shown elevated radioactivity in oilfield equipment and soils more commonly than in the rest of Southern Illinois. (See USGS Fact Sheet, FS-142-99, and James K. Otton, et al., Effects of produced water at some oilfield production sites in Southern Illinois, U.S.G.S. Open File Report 97-448, July 1997, pp. 6-7, 83.)

7. The site of the proposed HVHFF operations lies within the Wabash Valley Seismic Zone and is within the impact zone of the New Madrid Fault Zone. (USGS Documentation for the 2014 Update of the United States National Seismic Hazard Maps “2014 Modeling”, ofr 2014-1091, at 6, 36.) For IDNR to allow an HVHFF operation and related wells for the disposal of wastewater in this area increases the risk of earthquakes and subjects local residents to additional risks of pollution and contamination of air, water, and soil. DNR's regulations (62 Ill. Adm. Code Sec. 245.210(d)) require extra precautions to protect the components in the HVHFF operations plans for fluids and flowback, well site safety, containment, and casing and cementing, when the proposed well is within or very near an area identified by U.S. Geological Service models as having a 2% or more probability of exceedance (in 50 years) of peak ground acceleration of 0.4 standard gravity (g) or more. This requirement is based upon a standard used in the 2014 Modeling. The proposed well site was in such an area in the 2008 modeling (USGS Documentation for the 2014 Update of the United States National Seismic Hazard Maps, ofr 2014-1091, at 6) and is within or very close to such an area in the 2014 Modeling (at 6). So Woolsey should be required to comply with the additional requirements set out in Section 245.210(d). In addition, the 2014 Modeling acknowledged that “[s]everal issues still need to be addressed in future versions of the maps,” and the 2014 Modeling gave as an example the following: “[W]e have not finalized a model for the treatment of hazard from earthquakes suspected of being caused by fluid injection (potentially induced earthquakes). This is a very complex problem and alternatives will, most likely, be considered as a series of logic-tree branches in future models. The users of the hazard maps should consider additional hazard from potentially induced events.” A 2016 U.S. Geological Service report takes induced earthquakes into account and appears to have increased the risks in the area including the proposed well site, although the report does not use the 50-year modeling standard but a different 1-year standard instead. 2016 One-Year Seismic Hazard Forecast for the Central and Eastern United States from Induced and Natural Earthquakes “2016 Modeling”, ofr20161035, at 29. In the vicinity of the proposed well site, the 2016 Modeling also associates numerous earthquakes with wells. 2016 Modeling at 6.

8. Woolsey's application does not include any indication of how far the subsurface fracturing with fluids and pressure will extend beyond the horizontal well bore, so the application includes no assurance that all the owners with subsurface rights have consented to the fracturing operations. Without the consent of all owners of the subsurface to be impacted—whether that is by drilling, by pressure, or by fluids—Woolsey will commit subsurface trespass.

9. Similarly, because Woolsey's application does not include any indication of how far the subsurface extraction of oil and other materials will extend beyond the horizontal well bore, the application includes no assurance that this proposed operation will respect the ownership rights of those holding the mineral rights on adjoining land. Without the consent of all owners of mineral rights whose minerals could be extracted, Woolsey will commit theft of the minerals.

10. Woolsey plans to use silica sand as a proppant, but the National Institute for Occupational Safety and Health (NIOSH) has identified exposure to airborne silica as a health hazard to workers conducting some hydraulic fracturing operations. https://www.osha.gov/dts/hazardalerts/hydraulic_frac_hazard_alert.html

11. Woolsey's application does not state whether or not there are preexisting fractures in any of the layers in the relevant locations. Preexisting fractures would affect the pressures required for additional fracturing, and preexisting fractures could serve as pathways for the migration of fracking fluids.

12. Fossil fuel production increases climate change, and new fossil fuel production, especially HVHFF operations, will negatively impact the health and safety of the public. See <http://concernedhealthny.org/compendium/> We must leave fossil fuels in the ground.

13. The undersigned also endorse the public comments made by the Food & Water Watch, the Sierra Club, Natural Resources Defense Council, and Illinois People's Action.

The members of Frack Free Illinois urge you to uphold your duty to protect Illinois' natural resources and our public health and safety, by denying Woolsey Operating Company LLC's well permit application (HVHFF-000001).

Sincerely,

Dr. Lora Chamberlain

Organizer - Frack Free Illinois

[REDACTED]

[REDACTED]

Brown, Ronda

From: Lora Chamberlain [REDACTED]
Sent: Friday, July 28, 2017 2:25 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments to the IDNR regarding Permit: HVHHF #000001 - with address and zip code of sender

TO: Illinois Department Of Natural Resources
Attention: Oil and Gas Regulatory Staff
One Natural Resources Way
Springfield, IL 62702

Regarding: HVHHF #1, White County
IDNR Review Number HVHHF #000001
Applicant: Woolsey Operating Company, LLC, a Kansas limited liability corporation
Location: Between Springerton and Enfield, about 1.3 miles west of US Route 45;
the site is bounded by County Road 1825 N on the north,
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Information located online at: <https://www.dnr.illinois.gov/OilandGas/Pages/PendingPermitApplications.aspx>

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In the name of the members of Frack Free Illinois, I am echoing the concerns of SAFE, Southern Illinoisans Against Fracturing Our Environment, regarding Woolsey Operating Company LLC's application for a high-volume horizontal hydraulic fracturing permit in White County, IL

COMMENTS

REVIEW NUMBER HVHHF-000001

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13. The undersigned also endorse the public comments made by the Food & Water Watch, the Sierra Club, Natural Resources Defense Council, and Illinois People's Action.

The members of Frack Free Illinois urge you to uphold your duty to protect Illinois' natural resources and our public health and safety, by denying Woolsey Operating Company LLC's well permit application (HVHFF-000001).

Sincerely,

Dr. Lora Chamberlain

[Redacted signature line]

[Redacted signature line]

[Redacted signature line]

[Redacted signature line]

Brown, Ronda

From: Lora Chamberlain [REDACTED]
Sent: Friday, July 28, 2017 2:27 PM
To: DNR.HFPublicComments
Subject: [External] Public Comments to the IDNR regarding Permit: HVHFF #000001 - with address and zip code of sender

TO: Illinois Department Of Natural Resources
Attention: Oil and Gas Regulatory Staff
One Natural Resources Way
Springfield, IL 62702

Re: HVHFF #000001

Applicant: Woolsey Operating Company, LLC, a Kansas limited liability corporation

Location: Between Springerton and Enfield, about 1.3 miles west of US Route 45;

the site is bounded by County Road 1825 N on the north,

County Road 50E on the west, and County Road 1725 N to the south

Information located online at: <https://www.dnr.illinois.gov/OilandGas/Pages/PendingPermitApplications.aspx>

My name is Dr. Lora Chamberlain, I am an organizer for Frack Free Illinois. We are a large group of Illinois citizens who are extremely concerned about the many dangerous aspects of fracking to the residents, water and environment of Illinois.

In the name of the members of Frack Free Illinois, I am echoing the concerns of Richard J. Whitney, of SAFE, Southern Illinoisans Against Fracturing Our Environment, regarding Woolsey Operating Company LLC's application for a high-volume horizontal hydraulic fracturing permit in White County, IL.

The IDNR regulations at 62 Ill. Admin. Code § 245.210 (b)(7) require applicants to “submit a radioactive materials management strategy to test for and identify, manage, transport and dispose of any radioactive materials utilized or generated during the course of HVHFF operations.”

Woolsey's application appears to be in compliance with the requirement to test for and identify radioactive materials—but nothing else. It therefore does not qualify as a “strategy” that meets the other requirements. This is especially alarming, and cannot be deemed adequate, in light of the fact that technologically enhanced naturally occurring radioactive materials (TENORM) brought to the surface and/or deposited on oil-field equipment in Southern Illinois is generally much more radioactive than in other regions nationally—and White County, in particular, has shown elevated radioactivity in oilfield equipment and soils more commonly than in the rest of Southern Illinois. (See USGS Fact Sheet, FS-142-99—<https://pubs.usgs.gov/fs/fs-0142-99/fs-0142-99.pdf> , and James K. Otton, et al., Effects of produced water at some oilfield production sites in Southern Illinois, U.S.G.S. Open File Report 97-448, July 1997, pp. 6-7, 83—<https://pubs.er.usgs.gov/publication/ofr97448>)

Stating the deficiencies with greater particularity:

1. It does not identify what level of detected emissions in produced water, sludge, drilling mud, accumulated mineral scales on pipes and equipment, or in surrounding soil or surface water, will trigger removal or remedial action of any kind.

2. It does not identify—either in its Radioactive Materials Management Plan or its Site Safety & Health Plan—what level of workers’ exposure to radioactive emissions will trigger remedial action or what type of remedial action will be taken. It does not appear to include any requirement that workers at high risk of exposure will be provided with radiation-detection badges or similar devices that can provide reliable data on actual exposure.

3. The plan acknowledges that “radioactive materials might be removed from the site as wastes or within equipment as the equipment is moved from one site to another.” It states nothing about what precautions or methods will be used to transport radioactive wastes. It implies that radioactive wastes will simply be transported and disposed of in the Class II injection wells described in the Hydraulic Fracturing Fluids and Flowback Plan irrespective of the level or type of radioactive emissions detected. It clearly does not describe any alternative plan or contingency for the disposal of wastes above any given threshold of radioactive emissions.

4. The plan states that “[p]rior to disposal or recycling, materials that are suspected of containing NORM materials will be subjected to field testing and/or laboratory analysis to assess the possible requirement to be managed as radioactive wastes. If warranted, the appropriate NRC and DOT requirements shall be followed.” Using passive voice, it does not state who shall determine what “materials” will qualify as “suspected,” or what criteria shall be used to determine when materials are “suspected” of containing NORM or TENORM materials. It does not cite any specific NRC or DOT requirements. Neither the Atomic Energy Act of 1954 nor the Low-Level Radioactive Waste Policy Act cover NORM. The Nuclear Regulatory Commission has no authority over radioactive oil and gas waste. (Brown, Valerie J., Radionuclides in Fracking Wastewater: Managing a Toxic Blend; Environ. Health Perspect., Feb. 2014; DOI: 10.1289/ehp.122-A50—<https://ehp.niehs.nih.gov/122-a50/>) Thus, at least without citations, the assurance that “appropriate” NRC requirements shall be followed, would appear to be meaningless.

In sum, neither the Radioactive Materials Management Plan nor the Site Safety & Health Plan provides any specific details regarding how radioactive materials above normal background levels—or above any level—will be managed, transported or disposed of any differently than any other materials. The application cannot possibly be deemed to be in compliance with § 245.210 (b)(7) and the public has no basis for concluding that public and environmental health will be adequately safeguarded if this permit is approved. Considering the disastrous consequences that have befallen the state of North Dakota, for example, as a consequence of poor regulation of radioactive wastewater, it would be unconscionable to grant a permit to Woolsey based on this application. (See, e.g., <https://www.desmogblog.com/2016/05/08/duke-university-study-finds-legacy-radioactivity-water-and-soil-contaminated-thousands-fracking-wastewater-spills.>)

The members of Frack Free Illinois urge you to uphold your duty to protect Illinois’ natural resources and our public health and safety, by denying Woolsey Operating Company LLC’s well permit application (HVHHF-000001).

Sincerely,

Dr. Lora Chamberlain

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Montana Chamberlain <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Montana Chamberlain



Brown, Ronda

From: John Chamness [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:11 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

John Chamness
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Dawn Champley [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:29 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dawn Champley
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Christine Chan <act@fwwatch.org>
Sent: Saturday, June 17, 2017 5:43 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Christine Chan



Brown, Ronda

From: Sonja Chan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 12:04 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sonja Chan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Wallace Chan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 12:06 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Wallace Chan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: sonja chan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:57 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

It is time to move forward to other safer, cleaner, more productive energy sources. Coal is dead. Oil is going right behind it. Illinois has the opportunity to get out front of the old, antiquated fossil fuel processes that are destroying the earth by saying NO to fracking.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

sonja chan
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Christie Chandler-Stahl <info@actionnetwork.org>
Sent: Wednesday, June 28, 2017 9:24 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Christie Chandler-Stahl

[REDACTED]

[REDACTED]

[REDACTED]

Brown, Ronda

From: Mary Ellen Channon [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 6:54 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

Briefly, I am greatly concerned about the impact on water use and protections for Illinois residents to the very toxic chemicals used in the fracking process.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

More specifically, from the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Ellen Channon
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brian Chapman <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Brian Chapman



Brown, Ronda

From: Philip Chapman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:51 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Philip Chapman
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ralph & Linda Chapman <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Ralph & Linda Chapman



Brown, Ronda

From: Ann charland [REDACTED]
Sent: Monday, June 26, 2017 6:00 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Ann charland
[REDACTED]

Brown, Ronda

From: William Cheatham [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:34 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

William Cheatham
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: William Cheatham [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, June 28, 2017 5:33 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

William Cheatham
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: William Cheatham [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:52 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

William Cheatham
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Deborah Cheek [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Deborah Cheek
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rebecca Chelton <act@fwwatch.org>
Sent: Tuesday, June 27, 2017 7:10 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Rebecca Chelton



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Chesrow <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Chesrow



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Chesrow <act@fwwatch.org>
Sent: Sunday, June 18, 2017 10:46 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Chesrow



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Chesrow <act@fwwatch.org>
Sent: Monday, June 19, 2017 2:19 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Chesrow



Brown, Ronda

From: Lynda Chiavario [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:29 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

THESE ARE MY PERSONAL COMMENTS:

I AM DEEPLY CONCERNED AND OUTRAGED THAT FRACKING IS ALLOWED AT ALL...ANYWHERE! Those chemicals DO NOT come out of the ground... It contaminates water tables for sometimes hundreds of miles away from the site and is RUINING PEOPLE'S PROPERTY VALUES BECAUSE THEY HAVE NO CLEAN WATER NOW. This is INSANE.... IT'S OUR FRESH WATER SUPPLY!!!!!!!!!!!!!! ARE YOU DAFT? We have OTHER ways to have energy...it does not have to be THIS. We need to be investing in our infrastructure and updating these OBSOLETE methods of having a power supply. WHY would you let them continue to do this?! They need to stop trying to EXPAND.... the fracking needs to STOP IMMEDIATELY. EVERYWHERE. AND WHY AREN'T THEY BEING HELD TO CLEAN WATER REGULATIONS????!!! I AM MORE THAN UPSET...I AM PISSED OFF! YOU are the one that can make a difference. Tell them to stop and start re-tooling for CLEAN ENERGY. Do the right thing for the people of this state... not for big business profits.

And on another note.... WE NEED PROGRAMS TO PUT SOLAR PANELS ON ROOFING FOR THE POOREST OF US...THEN YOU WOULDN'T NEED LIHEAP! RE-DIRECT THE MONEY FOR THAT INTO A NEW PROGRAM TO GIVE PEOPLE A WAY TO HAVE FREE POWER.

LYNDA CHIAVARIO [REDACTED]

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.

5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Lynda Chiavario



This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marsha Chomko <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Marsha Chomko



Brown, Ronda

From: Marsha Chomko [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:00 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Marsha Chomko
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Cathie Christ [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:17 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cathie Christ
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Cathie Christ [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 4:16 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Fossil fuels is not the answer but rather the destruction of a viable planet Earth for mankind.

Sincerely,

Cathie Christ
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Paul Christel [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:23 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Paul Christel
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Cathy Christensen [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Thursday, July 27, 2017 2:52 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Cathy Christensen
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Deb Christensen <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Deb Christensen



Brown, Ronda

From: Jeff Christiansen [REDACTED]
Sent: Monday, June 05, 2017 7:52 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 application for fracking feedback

Re: HVHHF-000001

Hello

As a resident of Illinois I think it is critical to weigh in on the applications by Woolsey Operating Company for new fracking site in White County. Fracking continues to prove to be horrible for our environment. The "unknown" chemicals used have proven to be disease causing.

The long term damage to the public and environment is still not completely understood but we know there is no positive effect. With this in mind I strongly urge you to reject this and all future application for fracking in Illinois. Please act in the best interest of our environment and our he people of Illinois.

Thank you and have a great day.

Sent from my iPhone

Brown, Ronda

From: Bruce Christopher [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:27 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Bruce Christopher
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Mary Christopher [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:10 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Christopher
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Robert Chrupka <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Robert Chrupka



Brown, Ronda

From: Robert Chrupka [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:30 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Robert Chrupka
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Edward Chubin [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:57 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Edward Chubin
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Grace Chun <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not poisoning our water. Any attempt to f Rank will,only poison our waters?

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Grace Chun



Brown, Ronda

From: Grace Chun [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:49 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Grace Chun
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nancy Churchill <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:11 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to deny Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001). Woolsey Energy is the corporation that owned and operated a fracked well in Fairfield that exploded in January 2014, and a lawsuit by those injured is still in progress.

If approved, this proposed Illinois well would endanger the health and safety of the community. We could have contaminated drinking water coming out of our taps, as well as toxic air pollution -- all in the name of burning more dirty fossil fuels.

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident, we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins. You can save Illinois from this fate.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Nancy Churchill



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marlene Ciavarella <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:14 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Marlene Ciavarella



Brown, Ronda

From: George Ciconte [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 7:02 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

George Ciconte
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bonnie Cimo <act@fwwatch.org>
Sent: Monday, June 26, 2017 8:24 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Bonnie Cimo



Brown, Ronda

From: Todd Cisna [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:37 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Todd Cisna
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.